Student: Ella
Academic Year: 2022-2023

7-30-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; listening and speaking with others at boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, hands versus feet, estimated weight of horse, length of stride, saddle seat size, bow angles).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; hands measurement and translating into feet/inches). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating schedule given appointments).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., size of horse).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading.

Student and guide continued to travel to boarding barn to bond with, graze, groom and ride new rescue horse. Student and guide brainstormed the idea of a weekly photo log of horse to have visual evidence of physical changes in his health/wellness. Student requested to ride horse and participate in ground exercise in the ongoing attempt to assist the horse in regaining lost muscle. Ongoing grazing, healthy snacks and lots of water offered to assist in healthy weight gain. Continued to gather needed professionals (i.e., horse farrier, bodywork professional, dentist, chiropractor) to support horse in wellness journey.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide discussed location in Pennsylvania guide's horse had previously lived (i.e., outside of Gettysburg on an Amish farm as a plow horse).
- Student used maps and other resources to navigate local roads to the boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student and guide discussed Amish communities; Gettysburg, PA and student's previous field trip there; and guide's horse's former home outside of Gettysburg with an Amish farm.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student and guide discussed common skeletal, muscular and joint structures in horses and humans.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse grooming, riding, stall care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to attend or perform in live performances. Student participated in same day violin lesson at local studio where they and their instructor performed violin compositions solo and as a duet.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to create art with music.

ENRICHMENT

- Student and guide continued their work to assist guide's new rescue horse on his journey to optimum wellbeing.
- Group discussion around student's upcoming August 27th birthday, gift requests, donation option, and activities. Student requested an Urban Air party and let guide know they would consider their other options. Students all agreed to consider what gifts they would like to get each other to continue family birthday tradition (i.e., birthday person gives gifts to siblings, siblings each give gift to birthday person). Guide will set up party request; text extended family student's donation request plus party invite; and follow up with group about gift ideas.

8-1-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, money, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; review of fractions). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., considered birthday gift options with suggested budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save money earned for either a dog or horse).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., making own meal) and other practical situations (i.e., to determine sizes of gift options).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research to find and consider middle student birthday gift options within suggested budget.
- Group discussion around same day full rainbow that also had a double rainbow on one end observed from hill leaving group's neighborhood. Guide documented with photos. This was the group's first time viewing an entire rainbow. Reviewed what creates rainbows.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Discussion around Hawaii, its history, topography, and past travels to Maui.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Discussed Hawaii's history as the most recent state to involuntarily join the U.S. as the 50th state in 1959.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Middle student brainstormed a donation choice for their upcoming birthday. Student stated they would also be choosing a donation recipient for their upcoming birthday.
- Student continued to gain a basic understanding of local, state, and federal government. Discussed role of the federal government in involuntarily bringing Hawaii as the 50th state of the U.S.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., self-made playlists, music accompanying online games or videos).

ENRICHMENT

- Guide followed up with student and youngest student about middle student's birthday gift requests. Guide also requested students consider gift options for themselves from birthday student. Students conducted online research based on suggested budget and sent links or screenshots of gift ideas to guide. Guide will follow up with purchases.

8-2-2022

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion and sharing of photographs of rescued horse's same day equine vet appointment. Guide described to students the process of the horse receiving a dental checkup as well as the equine vet's use of power tools to smooth rough, pointy portions of the horse's teeth. Group also discussed equine anatomy and the significance of grooming and cleanliness for horses and humans.

8-3-2022

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in second of two weekly martial arts classes that focus on both martial arts and self-defense.

8-4-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student accompanied guide to 3 of the family's 4 cats' senior well check appointment. Student interacted, talked with and listened to veterinary staff. Student viewed and read video and written literature about fleas and ticks, pet allergies, and animal anatomy.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, outside temperature, percentages, levels, points, money, online currency unique to each game/app, addition/subtraction, multiplication/division, perspective, proportions, computer science).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; new levels of Procreate app for digital drawing). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate outdoor temperature at time of travel to boarding barn to determine whether to accompany guide or not).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continuing to save for next pet).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student accompanied guide to same day 6 month senior well check appointments for 3 of the family's 4 cats. Student assisted in each aspect of the appointments including getting an itemized list of costs of today's appointments. Student expressed surprise at total cost and was able to use this to calculate the cost for 1 pet's future vet costs.

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student accompanied guide to same day 6 month senior well check appointments for 3 of the family's 4 cats. Student assisted in each aspect of the appointments. Student learned more about cat anatomy and aging. Male cat of the group was prescribed Gabapentin to assist in calming him at future visits. Guide will continue follow up as suggested by vet (i.e., cardio appointment for Rose; ongoing thyroid monitoring for Oliver with bloodwork every 4-6 weeks; return for blood pressure for oldest cat, Aurora).
- Guide and middle student described and provided pictures of same day trip to Tractor Supply for other students. Middle student shared plan to purchase all available baby chicks and ducks at a Tractor Supply or similar store when family purchased land in future. Students asked questions particularly around the chicks and ducks present in the store and middle student was able to describe the answers they had found out at Tractor Supply.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to small animal vet office.

HEALTH & PHYSIOLOGY

- Continued ongoing discussion around nutrition, movement and the effects on a person's overall wellbeing.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking, carrying cat carriers, animal care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists in car travel; music accompanying online videos & games).

ART

- Student continued to use their Procreate app to create original digital drawings.

8-8-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, art documentation at Art Class Party/Show).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with art instructor and art patrons at art party/art show).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters; read documentation at same day art party/show that took place in local library).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, measuring, percentages, money, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; canvas sizes for individual and group artwork).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving for future pet).
- Student continued to use mathematical concepts in free play (i.e., artwork showing; digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., artwork showing, varying canvas sizes, displays dependent on canvas size).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide attended student's art class party which was an art showing for what was created in the 3 week art class (7/15, 7/22, 7/29) both as a group and individually. Guide took

pictures to show to other students and their dad.

- Group discussed guide and oldest student's photo and observation of a Red-tailed Hawk sighted on the neighborhood's hill on the ground. Group discussed talons and hawk anatomy; its size compared to other birds of prey; past sighting stories; and observed behavior at this sighting.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Art party/show took place in a local library in an unexplored part of the community. Student was able to see a new to them library as well as the historical building located next door.
- Student used maps and other resources to navigate local, previously unknown roads to travel to the art party/show.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student and guide walked around the art party/show and also viewed various historical figures' posters and descriptions hanging around the library setting.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student's individual and group artwork was on display in the community. The group artwork was to be a community wall mural the library could continue to have on display.
- Student continued to gain a basic understanding of local, state, and federal government. Discussed funding received for the local library setting for the art party/show.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Discussed feelings of nervousness prior to the art party/show and options for relieving nervousness (i.e., deep breathing, movement to release, asking guide to walk with student at the show, singing loudly on way to show).

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in first of two weekly martial arts classes that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e.,

random playlists during car travel; music accompanying online videos, streaming services, games).

ART

- Student attended final art gathering which was an art party/show to display all works completed in the Summer Teen Art Class student attended in July. The class had focused on coming up with a theme together, sketching out their ideas on canvas, and creating a hangable wall mural that they all painted together. Student requested if instructor offered any future art groups that they be informed. Student and guide walked through art show looking at the individual and group works on display. The instructor and library liaison spoke with student about their work and contributions to the group. Student was encouraged to take their individual works and come back in future to view the hanging community wall mural.

ENRICHMENT

- Student had participated in a teen art class for 3 weeks in the previous month of July. The group had discussed and brainstormed concepts for a hanging community wall mural. The instructor worked with the teens to collaboratively sketch out the agreed upon art concepts then work together to paint the community mural on a large wall canvas. The group also painted smaller individual canvases and another group canvas. The group agreed to meet for a final party/art show to display their artwork before the hosting library hung the community piece on display. Guide took photographs of the show to be able to discuss and include other students and their dad.

8-9-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, notes, patterns, metronome, tempo, pitch).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculate number of items could purchase within preset budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future pet).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group travel to local area mall to explore stores there. Students each requested different stores to explore. Group observed items sold at different stores and returned after exploration to purchase items within a preset budget.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed current home location and

previous home's location as compared to the area traveled to for shopping.

- Student continued to use maps and other resources to navigate local roads to travel to indoor mall.
- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion around nutrition, balance, energy levels and movement.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed growth during childhood and teen development. Students offered observations of growth spurts over summer.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking, running).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlist from car travel, musical playlists on iPad, music accompanying online content).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ENRICHMENT

- Group traveled to local area indoor mall at students request. Oldest student and youngest chose to explore a Sephora store found inside the mall. Other stores explored and purchases made within preset budget. Students then requested to purchase food items from the food court area and pretzel shop. Each student chose a food place and purchased chosen food items from it. Group met back up at a chosen table in food court. Afterwards group returned to pretzel shop, made purchases and exited mall to return home.
- Continued to discuss upcoming middle student's birthday as a group.

8-12-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions at the horse boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, levels, points, gradients of color, perspective, calendar, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calendar with timeframe for Neo's boot camp program; circumference of horse).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future pet).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to measure horse's head with soft measuring tape; to observe other boarder at barn measure guide's horse to calculate size of 17.1 hands).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide and student continued their work with guide's rescue Belgian draft horse at their local boarding barn. Student requested to ride horse and provide ground work exercise in order to attempt to increase horse's lost muscle mass. Student and guide also grazed guide's horse to add to his daily intake of calories to address prior weight loss/lack of nutrition.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to local boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Discussed nutrition; similarities between humans and equines with energy, nutrition, movement, and proactive healthcare.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horseback riding, horse care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlist, random Apple music playlist in car).

ENRICHMENT

- Group discussed same day drop off of family's youngest dog, Neo, the French bulldog, at a local dog training facility. Group discussed how Neo would remain at the facility for boot camp training for 2 weeks. At the end of 2 weeks, which fell the day before middle student's birthday, guide would pick up Neo and stay for the 1 hour lesson to learn the methods used during boot camp. Group processed each person's thoughts and feelings around Neo's observed behaviors, Neo's time away from home, and hopes for Neo's return. Students requested reminders on the calendar of when Neo would be home again.

8-14-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with aunt, Little House, Big Art studio staff, and Rolling Hills Ranch boarders).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, addition/subtraction, multiplication/division, money; size, cost and decoration options for art pieces at Little House, Big Art; measuring fit of horse riding equipment).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; readying horse for riding with appropriate fit/placement of equipment). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., cost and number of art pieces at art studio; speed, height, tightness, placement, pressure of riding equipment and horse when demonstrating horseback riding skills).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future pet).
- Student continued to use mathematical concepts in free play (i.e., horseback riding, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to determine proper fit and tightness of riding equipment such as cinch by length of remaining cinch on left side.

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Middle student and guide chose to build their own terrariums at Little House, Big Art studio.

The individual working provided an explanation for the order and amount of each layer (i.e., substrate or gravel, coffee filter cut to fit, dirt, plant, decorative items). Staff member also offered suggestions for which and how many plants would do best in the chosen terrariums based on lighting needs, watering requirements, soil preferences, and final growth measurements. Middle student, youngest student and guide explored the natural decorative items available for the terrariums such as small logs, branches, stones, shells, crystals, geodes, and moss as well as playful items such as tiny dragon figures, glitter or colorful glass beads. Middle student created an original terrarium then moved to the other side of the room to join remainder of the group to paint a small ceramic. Other students chose items to paint as well with student painting a ceramic bowl, youngest student painting their own piece, aunt painting a platter, and students' dad painting a ceramic heart. Painted items would remain so that the studio could fire the pieces before notifying guide of their completion and pick up options.

- Students, guide and students' aunt traveled to local boarding barn to introduce aunt to guide's horse. Students demonstrated collaborative care and grooming of the horse before saddling him up and leading him to the barn's outdoor arena. Oldest student first showed aunt their horseback riding skills before younger students took turns being led around the outdoor arena by student. Guide walked at youngest student's side to increase comfort and safety. Group discussed care of the horse; joint, hoof and muscle soreness as observed when horse would sometimes limp; and progress he has made to date with weight, nutrition, and muscle mass.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed horse stories and riding experiences including guide's past horse ownership in Austin, TX; a group trail ride with students, guide and students' dad on a Florida vacation; aunt's riding experience on the beaches of Mexico; and student and guide's trail ride at boarding barn with the public trail rides on horses available to rent for the hour.
- Student used maps and other resources to navigate local roads to travel to Little House, Big Art studio and to horse boarding barn.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including horseback riding safety and safety around large horses.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Group discussed healthy practice of increased movement and being outdoors.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination

and strength (i.e., horseback riding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., music accompanying online games and videos).
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Student performed a musical piece on their violin during their aunt's time at their house.

ART

- Student chose paint a ceramic bowl that would then be fired while at Little House, Big Art.

ENRICHMENT

- Guide arranged for family to spend time with students' aunt at their request. All traveled together to a favorite local art studio, Little House, Big Art. Everyone chose their own piece or pieces (i.e., customizable ceramic pieces, terrariums, wooden animal sculptures, papier mache animals, etc.) to decorate, paint or make during the hours spent at the open studio. Pieces that were finished were taken same day while ceramics could be picked up once notified of firing and completion. Next, group traveled to family's home where student played their violin, middle student played their cello, and youngest student played the piano for aunt. Group then traveled to nearby horse boarding barn to introduce aunt to guide's rescue horse. Students worked together to groom and ready horse for riding. Once tack was fitted properly on horse and safety gear gathered for riders, the group walked with the horse to the barn's outdoor arena. The students demonstrated their riding skills for their aunt before other boarders arrived and began interacting and talking with the group. Student's aunt was able to talk with another boarder known to her and introduce group to this individual. Group grazed horse for short while before returning the horse to his stall with his 3rd meal and traveling home.

8-16-22

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of same day discovery of empty blue egg at local boarding barn. Online research offered results that the most common species of birds known to lay blue eggs and live in the area are an American Robin, a Blue Jay, or a Red-winged Blackbird.
- Group also discussed tree foliage found in family's backyard and observed to currently be a bright orange/red with compound leaves rather than the green color observed earlier in the summer. Group research into led to the possible identification of a Smooth Sumac shrub.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

ENRICHMENT

- Student and guide continued to work with guide's rescue horse to optimize horse's health and wellbeing. Guide had a same day appointment for their horse with a Masterson Method bodywork practitioner.
- Student and guide continued to discuss student's next future pet. Student continued to weigh out the pro's and con's of an Australian Shepherd puppy versus a younger gelding Quarter Horse. Student requested guide reach out to an employee at the boarding barn who had helped several boarders find their own horses and has a side hauling service business that trailers horses from other barns to a desired location. Guide will follow up on horse options.

8-27-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, brownie recipes, waiver and documentation at Urban Air, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; reading Urban Air signs and concession menu; conversations with Urban Air staff and extended family members; writing and drawing with Apple pencil on iPad).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; described story themes, characters and story arc of favorite streaming content for paternal grandparents).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, cups, tablespoons, teaspoons, height, weight, percentages, points, levels, online currencies, money, addition/subtraction, multiplication/division, digital drawing app).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; zipline, ninja course). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given party timeframe, calculated baking temperature and timer).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, work within house to save for future pet).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing, zipline, climbing wall) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, measurement wall to determine height and reported weight for Urban Air participation).
- Student continued to use measurement in cooking (i.e., baking brownies) and other practical situations (i.e., to measure height for zipline).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading.

Group travel to Urban Air indoor activity place for middle student's birthday party celebration. Participants had the opportunity to try out an indoor zipline that carries an individual who meets height and weight requirements high through the air on a loop circuit. Participants could also climb on an elevated ropes course, several climbing walls, or up various platforms before jumping down to ground to start again. Participants could also joust over a foam pit, climb through a ninja course, participate in dodge ball, or jump in various trampoline areas. Scattered among the very active physical activities were breaks for slushies, Gatorade drink breaks, and food breaks (i.e., pizza, chicken tenders, fries, other snack items and brownies). Students experimented with the activities, with speed, height, obstacles, jumping, and climbing. Middle student, older and younger students all described favorite moments, experiences and interactions. Group chose to return home for continued calmer celebrations.

- Student experimented with self-care activities (i.e., art) following group's return from Urban Air birthday party. Student had asked guide earlier if it would be hurtful to paternal grandparents if student chose to spend a little time alone after several hours at Urban Air party and its loud, active environment. Guide and student's dad offered their perspectives then guide and student came up with a plan to confirm paternal grandparents' thoughts/feelings 100% (i.e. with a verbal check in). Per student's request, guide followed up with grandparents with a verbal check in in the presence of all of students. Grandparents stated this would not hurt their feelings in the least.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group traveled to one of several Urban Air locations in their community. Group recalled stories of the few other times they had traveled to the same area.
- Student used maps and other resources to navigate local roads to travel to Urban Air location.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group discussed how middle student had again chosen a community program to request donations for in lieu of birthday presents from extended family.
- Student continued to gain a basic understanding of local, state, and federal government. Group discussed funding for medical programs such as local Children's Hospital and St. Jude's Research and Children's Hospital.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, specifically when using the cooktop and oven.
- Safety guidelines for participation in activities at Urban Air were reviewed individually and as a group.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Students each chose an activity upon returning home from middle student's birthday party celebration that was a good fit for their own self-care (i.e., art, electric scooter ride, online video exploring, nature time with horse) after the sound and activity levels of Urban Air.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed past post-celebration reactions and ways to refill each members' energy/emotion cup. Each person chose a self-care activity that best fit their individual needs.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., running, ziplining, jumping, climbing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, music at Urban Air).
- Student continued to performed in a short live performances with their violin and the piano for their paternal grandparents.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to create art through music. Student also used Procreate app to create original digital drawings.

ENRICHMENT

- Paternal grandparents arrived same day morning to celebrate middle student's birthday. Group spent morning baking with paternal grandmother to make birthday brownies. Everyone got ready and traveled together to birthday party location. Middle student offered paternal grandparents the option to not attend party due to sound and activity levels at hosting location. Paternal grandfather appreciated this choice and remained at family's home. Paternal grandmother chose to attend party. Middle student's same day birthday celebration was hosted by Urban Air indoor activity park. Students signed waivers, read rules of participation, and found party room with birthday person's name on it. Party host introduced self to group and noted students sock sizes and choices for beverages, type of pizza, slushy flavor, and options specific to birthday (i.e., dessert choice, singing or no, candles or no, etc.). Everyone attending was offered a participation bracelet to use on indoor ninja courses, trampolines, dodge ball courts, climbing walls, ziplines and ropes course. Food and beverages were provided. Additional food or beverage items could be purchased from the concession area. Each party participant was given appropriately sized socks and scratch off coupons at the beginning of the party time. Middle student was given a souvenir t-shirt, a party bag with coupons, and a pin advertising they were the birthday person. Students, guide, students' dad and paternal grandmother returned home after the party to rejoin paternal grandfather and continue celebrating together. Paternal grandparents left the next morning.

8-29-22

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, music accompanying online games/videos, dad's music during car travel to martial arts).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in first of two weekly martial arts classes with a focus on martial arts and self-defense. Guide and student discussed the option of student transitioning from the general martial arts track to the black belt focus. Instructor explained the differences in commitment (i.e., multi-month contract versus 3 year contract); increase in monthly fees; change in uniform and practice clothing; and additions of duffle bag, martial arts stick, safety equipment, sparring equipment, and weapons training. Student agreed to consider whether they would like to continue on the basic track or transition to the black belt focus.

8-31-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, fractions, measuring, percentages, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future pet).
- Student continued to use mathematical concepts in free play (i.e., violin practice, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research into the Australian Shepherd breed finding both websites and online videos that explore breed characteristics, training methods, questions to ask a breeder, breeder options, and things to consider before choosing this breed as a pet.
- Student also chose to conduct online research into the American Quarter Horse, common characteristics, training methods, common costs for ownership, and how the breed compares to other common horse breeds. Student's results included online articles, websites, equine listings, and online videos covering a range of topics with a Quarter Horse.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Research into the Australian Shepherd dog breed and the American Quarter Horse offered increased knowledge around the local horse community, surrounding states, and the origins of each.
- Student used maps and other resources to navigate local roads to travel to martial arts studio.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in second of two weekly martial arts classes with focus on martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Student's Fall 2022 individual violin lessons will begin Saturday, September 10th, with a 45 minute lesson.

ART

- Student continued to create art through music.

ENRICHMENT

- Student and guide were informed of a horse farrier and trainer, Chris, who was selling one of his own trained geldings by another boarder at guide's horse's barn. Student and guide discussed whether student would like to follow up on this horse given the information shared. Student chose to gather more information. Guide will follow up.
- Middle student traveled to hair salon and received a cut, color and style for the first time. Middle student described their experience in detail for other students. Group discussion around this experience; impact of chemical dyes on human hair and scalp; other options for self-expression; and time/waiting required. Youngest student chose to accompany students' dad to home office and work while guide and middle student were at appointment. Youngest student described their observations of their dad's work, work meetings, and computer visual/interactive design.

September 2022

Students and guide slowly began to transition to current Fall learning year with organic and scheduled discussions of Fall 2022-2023 Learning Goals; online research for learning options and supplies; purchases of necessary learning supplies; and exploration of community resources, experiences and classes.

Students also continued ongoing classes and lessons; worked to transition from summer to fall schedule and sleep schedules; and prepared for same month vacation to Nags Head in the Outer Banks of North Carolina.

9-1-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; discussion with horse farrier).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, points, levels, addition/subtraction, multiplication/division, cost of farrier services plus tipping).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; tax and tipping for services). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating time for getting ready, eating and arriving to the farrier appointment early).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future pet).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., horse heights, hoof sizes).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to boarding barn to participate in guide's horse's farrier appointment for hoof trim, evaluation and ongoing treatment plan.
- Per prior conversations with equine vet and equine bodywork professional, guide and student experimented with trail walk with guide's horse to increase exercise and attempt to increase muscle volume. Guide observed horse's back right hoof area shaking when descending steep trail hill. Guide will follow up with equine vet.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide explored trails around Bridgeville horse boarding barn.
- Student used maps and other resources to navigate local roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussion around flexibility and reasons for across human development. Student demonstrated their flexibility for group. Other students chose to offer visuals of their flexibility also.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., trail hiking with horse; stretching).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple music playlists, new music accompanying online games/videos).

ART

- Group discussion of upcoming classes offered at Home Away From Homeschool Rec Center. Student requested to participate in 4 week series of art class offered each month. Guide will follow up with HAFHS.

ENRICHMENT

- Group discussion of Home Away From Homeschool Rec Center's posted calendar of Fall 2022 classes and clubs. Oldest student requested to participate in September 2022 weekly art class, Spanish class, and Sign Language class. Middle student requested to reengage with ongoing Pokémon club stating they would like to explore/research other options for additional learning rather than scheduled classes. Youngest student requested additional time to consider their options.
- Group discussed calendar, change in months to September, and upcoming vacation schedule (i.e., Outer Banks from 9/17-9/25). Students each offered their thoughts on transportation to North Carolina; options of 1 or 2 days of travel; bringing along youngest dog; and options chosen for activities while there (i.e., hang gliding, jet skiing, beach time, pool time, shell hunting). Group also discussed preparing for upcoming travel across states by choosing to update everyone's COVID boosters.

9-2-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; Universal Yum subscription box materials).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, summarized story themes of current favorite selection for guide).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of guide's horse who was experiencing hoof/leg pain and observable limping. Guide followed up with equine vet who will examine and x-ray guide's horse when at the boarding barn on September 6th. Equine vet instructed guide on care in the meantime as well as what to look out for that would warrant an earlier visit.
- Students experimented with Universal Yum monthly subscription box, South Korea version. Group explored written materials (i.e., map, small booklet, sticker) and included food items. As a group the students spread out the sweet and salty food items on the kitchen counter, read through each item description, and taste tested each item. Group offered their thoughts, sensory experiences and taste ratings based on the included 5 point scale for each food item. Students had guide take a picture of the food item's packaging that were given the highest ratings. Guide will follow up to see if these items are offered for purchase through the Universal Yum box online shop.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussion of South Korea, the food items enclosed in the Universal Yums subscription box: South Korea version, and the included map. Students requested more Naruto Scrambled Egg Potato Chips.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to have the opportunity to pursue their own musical interests with violin

practice.

ENRICHMENT

- Guide followed up with students about dog swimming event held at local county public swimming pools on September 5th with the end of swimming pool season. Students stated they would love to take both family dogs and try out the event for the first time. Guide will register family for event at nearby county wave pool.

9-5-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages; listening and speaking to other participants in same day dog swim at local wave pool).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, feet and inches, height, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., depth family dog could swim, depth in which student could accompany family dog).
- Student continued to use measurement in practical situations (i.e., depth of pool water in feet and inches).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group traveled to local county public wave pool to participate in dog swim event prior to staff draining the pool. Students were able to observe and interact with a multitude of other dog breeds and their owners. Group discussed the lack of waves at the wave pool due to the dog swim event as well as the wave pool machine that creates the waves during summer swim season.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed local wave pool locations in Pittsburgh area; other wave pool experiences students have had (i.e., Harrisonburg, VA) as well as ocean and lake wave experiences (i.e., Florida, North Carolina, South Carolina, California, Pennsylvania).
- Student used maps and other resources to navigate local roads to travel for family participation in dog swimming event at nearby wave pool.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed same day national holiday, Labor Day; its meaning, and annual spot on the calendar.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group discussion of process students would have to go through if they were to have their own dog.
- Student continued to gain a basic understanding of local, state, and federal government. County official checked for required dog vaccinations and licenses upon arrival at county dog swim event. Group discussions of requirements for dog owners in Pittsburgh, PA and Allegheny County.

SAFETY EDUCATION

- Group discussion of pool safety including safety during a thunder and lightning storm. Group discussed the additional layer of pool safety when surrounded by unknown dogs both off leash and leashed. Students observed some aggressive dog behavior as well as off leash dogs running, playing and knocking over humans.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Ongoing nutrition and movement discussion continued.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed reasons guide chose to enroll both family dogs in ongoing training particularly when observing older and young humans being knocked over by jumping dogs or frightened by aggressive dog behavior. Group discussed potential consequences for older adults when experiencing falls (i.e., increased possibility of broken bones or injury) as well as recovery and injury impact on daily living.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's weekly martial arts class was canceled by the instructor.
- Group participation for first time in annual dog (and human) swimming event at local area wave pool.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, music accompanying online videos/games, music playing at wave pool).

ENRICHMENT

- Students participated for first time in annual dog swimming event at local county wave pool. Group discussion of the many dog participants observed during event; differences in dog

owners' expectations with dog behavior and dog handling; and family dogs reactions to water/swimming (i.e., Newfoundland appeared to love it, French bulldog appeared frightened). Students requested to participate again next year.

9-7-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; listening and speaking to hair salon stylist and staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, measuring, addition/subtraction, multiplication/division, distance, speed, parking space length; cost of hair products, cost of cut/color, total cost, 20% tip).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; calculating 20% tip). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, calculating cost of services from total cost then 20% tip).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving for future pet).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, …).
- Student continued to use measurement in practical situations (i.e., to determine fit of parking space, to determine amount of hair to trim or cut, to determine required height of martial arts kicks).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student, guide and hair stylist discussed the chemistry involved in custom creating hair color for clients. Stylist described what percentages of hair dye and conditioning treatment they

were applying to student's particular hair to achieve the desired color level. Discussion around bleach to lift color and dye to fill hair shaft. Methods to maintain color treated hair were discussed prior to departure.

- Student shared image results found during online research with guide. Student requested guide in turn show the images to hair stylist as reference options for same day hair cut/style.
- Group discussion around treatment guide is providing for their horse's hoof and leg issues (i.e., twice daily soaking with warm water, Epsom salts and hydrogen peroxide before hoof poultice and wrap; daily dose Bute pain reliever).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to hair salon in Pittsburgh's cultural district.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in second of two weekly martial arts classes that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, new music playlist at hair salon).

9-8-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions, listening, and speaking with small animal vet and vet staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, measuring, height, weight, vaccine amounts, milligrams, addition/subtraction, multiplication/division, money).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; milligrams to measure feline thyroid medications). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, distance and speed to arrive at vet appointment 10 minutes early; calculating cost of cat vet visit and ferret visit to estimate total cost).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future pet).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, calculator).
- Student continued to use measurement in practical situations (i.e., observing vet weigh ferrets and estimate length).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student attended ferrets annual well check and vaccination appointment. Vet offered observations of healthy ferret characteristics (i.e., coat, eyes, ears, weight) and asked

questions about daily care, behavior and personalities. Student responded as they spend the most time and ongoing care with the ferrets. Vet offered common concerns and illnesses to watch for as the ferrets age. Discussed vaccinations for ferrets. Vet stated that the only vaccination that is currently available and offered for ferrets is an annual rabies shot. Possible side effects and allergic reactions discussed before vaccines were administered. Guide, student and ferrets were asked to remain in waiting area for 15-20 minutes to confirm ferrets did not experience any of the discussed reactions. The younger of the 2 ferrets did exhibit an allergic response (i.e., vomiting, lethargy, possible fever). Vet staff quickly administered a medication to counter the reaction. Guide and student remained at the vet for about another half hour to ensure the ferret was ok and able to be transported home. Vet informed guide and student that the ferrets would no longer receive the rabies vaccine in future but would require an annual well check visit to continue to monitor their health. Guide and student returned home and relayed the experience to the group.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to small animal vet office.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed allergic reactions in human beings (i.e., common symptoms, more serious allergies, Epi pens, medical intervention, environmental preventions). Group recalled past stories of their own or others allergies (i.e., strawberry or nut allergies at school, plant allergies, cousin's cat allergy).

ENRICHMENT

- Student and guide followed up on package tracking for a swing student had ordered after moving from their original bedroom to the upper space of the family home. Student had chosen to purchase a u-shaped swing that uses carabiners and o rings to fasten to the ceiling. The swing is advertised as a fun, sensory and emotion regulating option for younger people. The swing was due to arrive the same day. Student's dad agreed to assist in hanging the swing when it arrived and did so.

9-9-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; Grandpa Joe's candy store merchandise and Japanese box contents).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., interactions with candy store staff and shoppers; listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, money, online currency unique to each game/app, addition/subtraction/multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating cost of candy store treats; whether to get a Japanese treat box with __ items inside that is ___ dollars or individual pieces of candy that add up to the same amount).
- Student continued to use mathematical concepts in free play (i.e., candy purchases) as well as age appropriate math related media (i.e., PC and Ipad apps/games).
- Student continued to use measurement in practical situations (i.e., length and size of candy options).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students asked to travel to a local candy store, Grandpa Joe's, to choose candy and snacks for the upcoming car ride to the Outer Banks, NC. Group traveled to and explored the local candy store choosing a few candy items for same day eating and their car travel treats. Students chose known and new to them candies and snacks to try.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group recalled stories from a past visit to the candy store area which is also the street for Well Oiled Canonsburg. Students also recalled stories from prior visit to candy store location. Group discussed other locations for Grandpa Joe's in the Pittsburgh area.

- Student continued to use maps and other resources to navigate local roads to Grandpa Joe's candy store.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.
- Continued ongoing group discussion of energy in and energy out of the human body.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., running, walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e. existing Apple playlists, new music at store, new music with online games/videos).

ENRICHMENT

- Group continued to prepare for upcoming family travel to the Outer Banks, NC. Students traveled to local candy store to purchase car treats for the trip. Group continued to discuss other travel preparations (i.e., COVID boosters, packing, pet prep).

9-10-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; listening and speaking with violin instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, tempo, pitch, angles, distance, speed, percentages, points, levels, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards a future pet).
- Student continued to use mathematical concepts in free play (i.e., violin, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., violin size).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student attended weekly violin lesson where they experimented with body posture; holding violin and bow; learning angles, pressure/force, amount of bow that touches string; and other aspects of playing the violin that affect the sound produced. Discussed how a violin works and how sound is produced.
- Student and guide traveled to guide's horse's boarding barn to groom, care for and hand

graze guide's horse. Student used digital camera to photograph guide and guide's horse as well as local wildlife (i.e., wild turkeys). Photographs shared with younger students upon return home.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate local roads to travel to Kathy's Music studio and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed proactive health care and students' upcoming well check appointments (i.e., oldest student: September 12th, middle student: the 13th, youngest: 14th), annual physicals, and COVID boosters. Family traveled to Rite Aid who advertised walk in COVID booster availability. When family arrived pharmacy staff informed guide they could not accommodate the group. Guide will follow up and set online appointment times for family.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking, horse care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists during car travels, music accompanying online games/videos).
- Student continued to attend or perform in live performances. Student both performed and observed instructor performing live in same day violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with violin practice and private lessons at the local studio.

ART

- Student created art through music.
- Student took photographs of guide and guide's horse as well as wild turkeys at horse boarding barn.

ENRICHMENT

- Group continued to prepare for upcoming family travel (i.e., September 17th-25th). Students requested to pack their own suitcases or duffels. Laundry schedule agreed upon. Group continued to discuss actual departure time (i.e., 2 day car travel vs. 1 day; departure during Saturday night, early morning Sunday, or morning Sunday).

9-12-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, interactive medical wall screen).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; listening and speaking with family's general practitioner).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, points, levels, coordinates, percentages, money, online currency, addition/subtraction, multiplication/division, height, weight, age, blood pressure, pulse).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; feet, inches, pounds, ounces for current height/weight).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards a future pet).
- Student continued to use measurement in practical situations (i.e., height and weight at same day doctor appointment).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of students' annual well checks and family's proactive approach to health. Group continued ongoing discussion around reasons for proactive healthcare approach. Oldest student attended same day annual wellness check in afternoon. Middle student has annual well check scheduled for next day and youngest the day after that. Guide scheduled themselves for annual well check for September 29th and students' dad is also scheduled for September.
- Student engaged in annual wellness check with family practitioner. Physician, student and guide discussed human development, student specific development, and any questions student had about their health. Physician conducted physical and dermatological exams individually with student.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group continued ongoing discussion and travel prep around upcoming car travel from Pittsburgh, PA to the Outer Banks, NC.
- Student used maps and other resources to navigate local roads to travel to family's physician's office.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student participated in annual wellness exam with family's primary physician. Student was prescribed vitamin D supplements.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in first of two weekly martial arts classes that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e. Apple playlists during car travel).

9-15-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, distance, hands horse measurement, age, ounces of water).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating money saved to date for horse, proposed cost of horse option, difference in savings versus horse cost; convert hands to feet/inches).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, savings for future horse).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., made meal for self) and other practical situations (i.e., measurement of horse option, use of measuring tape to represent horse's height in feet/inches, compare to student's height).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn to groom, graze and care for guide's rescued Belgian draft horse. Student and guide discussed the outside temperature and current weather; used an online weather app to determine exact outside temps for the week; then used same app to look at weather predictions for the Outer Banks, NC. Discussed the flora and fauna observed on the boarding barn farmlands. Student requested to conduct online research to see what flowers are edible for horses (i.e., not wild daisies). Student chose to pick a few wild flowers and place them in guide's horse's mane.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists in the car).

ENRICHMENT

- Student and guide had asked an individual at guide's boarding barn to reach out to contacts about horses for sale in area and within surrounding states. Individual found a mare described as an Appaloosa Quarter Horse cross in South Carolina that was available for sale. Student viewed images and video sent to guide. Guide and student discussed options. Student chose to continue searching for a roan, gelding American Quarter Horse.
- Group continued to discuss and prepare for travel to the Outer Banks, NC.

9-16-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, points, levels, percentages, money addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., configuring the family washer and dryer to clean remaining clothes before trip).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future horse).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group continued to discuss upcoming travels from Pittsburgh, PA to the Outer Banks, NC. Guide showed the weather predictions for the upcoming week and group discussed types of clothing to bring as well as number of outfits, pj's, socks, etc. Group reviewed the activities guide had previously set up (i.e., hand gliding, jet skiing) as well as the accommodations (i.e., air bnb with small pool and beach access). Group also discuss the family dog traveling with them for the first time to a vacation.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed and finalized travel plans for upcoming car trip to the Outer Banks, NC.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.

- Group discussed quality sleep and its impact on humans' overall wellbeing. At students' request, group decided to leave for family vacation very early on Sunday, September 18th, despite how little sleep they may have the night before
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., music accompanying online games/videos).

ENRICHMENT

- At all the students' request, family travel will begin very early on Sunday, September 18th, and conclude upon arrival in the Outer Banks, NC, Sunday evening. With this schedule the eldest student will be able to attend their weekly violin lesson on Saturday, September 17th, and final preparations (i.e., groceries, laundry, books and tech chosen to bring) can be completed by Saturday afternoon. Guide and students' dad will pack the car as early as possible so that students, family dog, guide and students' dad can get in the car and go early Sunday morning.

9-17-22 to 9-25-22

Nags Head, Outer Banks, NC

Family used Google Maps and vehicle GPS system to drive from home in PA thru MD to WV to VA to NC on the way to Nags Head, Outer Banks, NC for a week long vacation at the beach. Family was able to bring and care for their youngest dog on this trip.

Group read various highway & road signs; menus, store signs/prices, Outer Banks signs/historical markers, written materials left in the rental home, pool rules sign, board game rules/cards, beach rules, online video closed captioning, online research materials, current reading selections brought by each group member, and other written documentation. Group engaged in individual discussions, group discussions as well as conversations with other vacationers, store employees, rental home neighbors, beach safety patrol personnel, a jet ski guide, and others the group encountered along the trip and in the Outer Banks. Group members listened to recorded musical playlists, online videos, and real life conversations noting the use of certain terms in NC that were not used in PA. Oldest student also chose to bring their violin and sheet music on the trip to continue to be able to practice their chosen instrument.

Group discussed the use of the metric system in the international community vs the United States use of the imperial system of measurement. Group also discussed those countries who drive on what is the opposite sides of the road from U.S. citizens. Group kept track of the miles traveled and time lapsed until arrival at destination. Group members were given budgets within which they could choose and purchase souvenirs from the trip. Group members measured out ingredients for food prep/cooking as well as sizes of holes in sand, shell sizes, clothing sizes, and floatation device measurements. Floatation devices were inflated with a portable air inflator where the students and/or a parent could designate the desired air pressure using a digital gauge. The same tool was used for fast deflation of the floatation devices to be able to pack and take home.

Group arrived on the first day after dark. The group noted the visible constellations as well as the sheer number of stars that could be seen in the night sky at the beach. Group discussed the impact of light pollution on an area's ability to view the night sky, stars and constellations. Oldest student requested to use the app, Sky Guide, to confirm or dismiss their theories on specific visible constellations. The rest of the family chose to use the app to observe and name the highly visible constellations that could be seen from the rental home's deck.

The group continued to discuss and observe the constellations, stars, and moon as they were visible throughout the week at the Outer Banks. The group also researched the ocean tides finding several online published images documenting the week's high and low tides for the area. Group discussed options for beach exploration during high and low tide to observe the differences in wave size and reach; shell availability, and wildlife presence. Group also discussed rip currents; online suggestions for noting these currents locations; the meaning of the beach flags flown by the safety patrol (i.e., no swimming vs safe swimming conditions); how sand is commonly produced; shells and their associated sea life inhabitants; ocean plants, jelly fish,

pollution in the ocean and human contamination of the ocean on a routine basis as well as following a recent storm.

Group had the options to explore a nearby Nags Head beach as well as Corolla beaches with the wild horses and 4 wheeling option on the sand. Group explored both the Corolla Beach and neighborhood searching for the wild horse herd. The group also walked along this beach searching for unique shells. The group noted the different architectural choices in ocean front and oceanside houses (i.e., up on stilts or poles, metal storm shutters, dunes placed in front of homes) observed at both Outer Banks beach neighborhoods. Group suggested they would like to consider moving to the Outer Banks area. The group noted the daily weather for September and compared the reported forecast with the Pittsburgh, PA forecast. The group also enjoyed their use of the rental home's outdoor pool (i.e., depths, swimming, temperature, inflatables).

Group had signed up to repeat their hang gliding experience of the previous year with Kitty Hawk Kites Hang Gliding School on the dunes of the state park. On the day of group members took inventory of their physical and emotional well-being then requested not to participate in hang gliding. Group discussed the consequences of cancelling a class with less than 24 hours notice. Group maintained their request to not participate. Guide cancelled lessons. Group continued to discuss self-care, rest, recovery, and setting boundaries for well-being.

Several days later the group chose to keep their jet skiing lesson/experience set to take place on the Sound side of the Outer Banks. Group discussed the differences between the Sound and the Oceanside of the Outer Banks. Group had rented 2 jet skis due to age restrictions for driving the watercrafts. Group calculated options for dividing up 5 family members to meet the weight limit set for the individual jet skis. Group agreed to begin the experience with 3 members (i.e., guide, 2 youngest students) on 1 ski and 2 members (i.e., student's dad, oldest student) on the other ski. A plan was also made to switch this riding line up if needed with the one return to dock option available during the lesson. Group chose to rent the jet skis for 1 hour total. Part way through the experience the youngest student, and therefore the guide, returned to the dock and instead explored the historical visuals present at the dock describing a ship wreck that occurred at that very spot. At the completion of the ride/experience, the group chose to return to the souvenir shop/jet ski rental spot to explore souvenirs and purchase an item within the set budget.

Group members also had the option to ride bikes while at the rental home. Five bikes with helmets and basket options were dropped off at the rental home prior to the group's arrival. The group chose to explore the neighborhood by bike. The youngest student chose to learn how to ride without training wheels for the first time and succeeded greatly. In addition to running, jogging, walking, swimming, jet skiing, shell searching, and biking, students also found time to rest and relax focusing on self-care.

The group discussed Tropical Storm Earl that passed through the Outer Banks and shut down at least one stretch of beach the week before the group's arrival. The storm had caused significant damage to area homes and their septic systems. The septic tanks' contents spilled into the ocean and rendered the beach area off limits to swimmers. The beaches were all open by the time the group arrived. During the family's stay stormy weather was experienced on one day that resulted in strong winds, heavy rains, and large waves. The group was able to feel the rental home subtly

swaying with the wind. The group discussed the way in which skyscrapers and beachfront homes can be built to allow for wind resistance. Online research showed that skyscrapers can easily move several feet in either direction while still maintaining their structural integrity. The group extrapolated this concept to apply to the rental beach home (i.e., the swaying of the home is a purposeful architectural design in order to allow for the home to remain structurally sound in high winds). The group read in online news articles that Hurricane Ian was predicted to hit the Outer Banks the week after their trip. The group researched the most common time of year for hurricanes in the Outer Banks finding it is June 1st to November 30th.

The group's return travel began in NC and continued through VA to MD with navigation around Washington, D.C. to finally reach PA and home. Group discussed the changes in the return route as compared to their arrival travel. The group as a whole preferred the return trip route due to the continuous access to the internet as the group navigated on major highways. Group members tracked the time, mileage, distance and GPS estimated arrival time as the family drove.

9-26-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, yards, fractions, patterns, codes, points, speed, angles, levels, percentages, money, online currency unique to each game/app, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., attending to cost of craft supplies to maintain budget; number and sizes of items needed at pet store).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future horse).
- Student continued to use mathematical concepts in free play (i.e., martial arts, shopping) as well as age appropriate math related media (i.e., PC and Ipad apps/games).
- Student continued to use measurement in practical situations (i.e., weighed self on scale, measured height with measuring tape, height of martial arts kicks).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to conduct online research into the American Quarter horse; gelding versus mare horses; and horse training and tack videos. Student provided guide with highlights of research and overall summary.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group continued discussion around the states traveled through to return home.

- Student continued to use maps and other resources to navigate local roads to travel to local craft store, pet store and martial arts studio.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussion around current U.S. politics as well as update on the Ukraine and its people.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Students requested to find ways to support and help the Ukraine people.
- Student continued to gain a basic understanding of local, state, and federal government. Group discussed the degree of involvement of the federal government in the current Ukraine War.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion on nutrition, sleep, movement and self-care. Group each chose activity to focus on self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in first of two weekly martial arts classes with a focus on martial arts and self-defense. Unknown to student the martial arts belt test took place in same day class. Student successfully advanced from yellow to orange belt and transitioned from the basic belt track to the 3 year black belt track.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists during car travel; music accompanying online videos, games and in VR experiences).

ART

- Student collected crafting supplies at local craft store for future crafts.

9-27-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, points, levels, coordinates, measuring, percentages, money, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, budget at other local craft store, sizes/lengths of craft supplies).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future horse).
- Student continued to use mathematical concepts in free play (i.e., crafting) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to calculate desired necklace length).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group travel to second local craft store for additional supplies not found during previous day. Additional supplies of necklace cords, pendant, sketchbook, stickers, kinetic sands, slimes, spray paints, and wooden pieces were purchased.
- Group discussion of second oldest cat's possible seizure experience while group was on family vacation. Guide offered details students' aunt had described and informed group of vet appointment set for September 29th to follow up further.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to second craft store.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion on nutrition, sleep, movement and self-care. Group each chose activity to focus on self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussion of the human brain, seizures, therapy animals, and possible medical interventions.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists during car travel; new and known music accompanying online videos and games).

ART

- Student used purchased supplies to begin decorating new sketch book and create a necklace.

ENRICHMENT

- Group continued to discuss transition from slow paced, more relaxing vacation of previous week to regularly scheduled classes and activities. Group agreed to continue to conduct self-check-ins to determine overall wellbeing over the course of the day. Group also agreed to engage in selfcare when needed with new supplies as well as previously discussed helpful options (i.e., electric scooter riding, alone time, artwork, increased connection, game playing, etc.).

9-28-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, cups, tablespoons, angles, tempo, pitch, measuring, points, levels, coordinates, percentages, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; bow angles, pitch, notes, tempo, patterns in music; height and force of kicks, angle of hits, percentage force in self-defense for martial arts).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future horse).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., experiment with powdered milk, egg, butter, other ingredients) and in other practical situations (i.e., height of kicks).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with the violin (i.e., bow angles, angle of instrument, body posture, amount of bow on strings, etc.) and sound.

- Student chose to experiment with powdered milk, egg, butter and other dry ingredients in attempt to recreate a recipe they had found online in the past.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to local martial arts studio.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student and guide revisited and reviewed Learning Goals including community activism.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around sleep, nutrition and movement in regards to overall wellbeing.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in second of two weekly martial arts classes that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlist in car, music accompanying online games/videos).
- Student continued to attend or perform in live performances. Student performed for guide during violin practice.
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Guide reviewed options for music classes from which student can choose.

ART

- Student created art through music.

ENRICHMENT

- Student and guide held individual Learning Goals 2022-2023 meeting. Student brainstormed new learning goals for upcoming year as well as goals they would like to carry over from previous year (see student's Learning Goals 2022-2023 document).

9-29-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; listening and speaking at small vet office with veterinarian, staff and other patrons).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, patterns, points, levels, percentages, addition/subtraction, multiplication/division, distance, speed, pounds, ounces, money).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; pounds and ounces of second oldest cat's weight).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued savings towards future horse).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, credit card machine).
- Student continued to use measurement in cooking (i.e., meal for self) and other practical situations (i.e., measurements of second oldest cat at vet).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled together with family's second oldest cat (i.e., 15-year-old, Oliver) to small animal vet to follow up on Oliver's recent possible seizure activity. Veterinarian, guide and student discussed details student's aunt relayed to guide over the phone on Sunday, September 25th, as well as observed behavior afterwards from family's arrival home around 8 p.m. on the 25th to present. Vet performed x-rays of cat and showed images to guide and student. Based on images and lack of evidence for cause of recent behavior, vet referred Oliver to local cardiologist for work up. Guide followed up and set cardiology work up

appointment for Oliver.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to small animal veterinary office.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion around self-care, expression of strong emotions, self-regulation and options for each of these.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group continued discussion around seizures in human beings after group discussed information from Oliver's same day vet exam.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple music playlists in car, music accompanying online games/videos).
- Guide followed up with student on their thoughts on which music classes to enroll in, if any. Local studio requested enrolled students limit their choices to 2 classes to allow for room for all students to choose a class. Student chose Music Theory Games and Intro to Sound Engineering. Student's instructor encouraged her students to also enroll in a Violin/Viola Studio Class provided for instructor's current students. With student's approval and chosen dates, guide registered them for all 3 classes.

9-30-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online recipes, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; discussion and interactions with staff and patrons at craft store and grocery store).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, discuss story elements and themes in existing works).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, distance, speed, cup(s), ounces).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating cost of supplies at craft store while staying within set budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future horse).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student used measuring in practical situation (i.e., cups/ounces for resin artwork).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student requested to also create food based on recipes found online. Student joined in group travel to craft store and grocery store to gather supplies.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed students first trip to Halloween store and how this store had taken the place of a former Toys R Us store the students were familiar with.
- Student continued to use maps and other resources to navigate roads to travel to Home Away

From Homeschool Rec Center, a craft store, Halloween store and a grocery store.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple music playlist in car travels, new music played in stores, music accompanying online videos/games).

ART

- Student created art with resin and resin add ins to create a geode for guide. Student will show finished and cured artwork next day.

ENRICHMENT

- Group traveled to Home Away From Homeschool Rec Center so that younger students could participate in Pokémon Club. Guide asked about other class options that eldest student had expressed enrolling in (i.e., Spanish and Art Class). HAFHS director informed guide that Spanish Class was canceled and may be brought back in future. The director informed guide that the Art Class would be available as a 4 week program each month and guide could enroll whoever was interested for the month of October. Guide enrolled eldest student at their request.

10-1-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; listening, speaking and playing duets with violin instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, texting).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, distance, speed, notes, pitch, tempo, patterns, metronome, angles).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes, beats, patterns, tuning by ear or with app, and metronome in music).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future horse).
- Student continued to use mathematical concepts in free play (i.e., music, resin artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., cooked Chicken Fricassee) and other practical situations (i.e., length of violin bow, placement of bow a specified number of inches from tuning peg).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student requested to experiment with easy, healthy meal options and purchased several types on previous day grocery store run. Student chose to cook Chicken Fricassee for themselves. The Meal To Go box contained all the necessary ingredients and instructions on how to prepare Chicken Fricassee. Student proceeded to make and enjoy their meal.

- Younger students experimented with baking and candy making while student was at violin lesson and traveling to pick up family's painted ceramic items from Little House, Big Art studio. Youngest student chose to create a circle sprinkle cake and a heart sprinkle cake which they mixed, baked, cooled and decorated with chocolate icing, yellow sugar, yellow chocolate and fondant bees. Younger student chose to create their own decorated chocolate ball shapes with melting chocolate and salted caramel wafers, sphere molds, and spray coloring. Student taste tested the results upon their return home.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to Kathy's Music studio and Little House, Big Art studio.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., increased walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's dad's Apple playlists during car travel).
- Student continued to attend or perform in live performances. Student listened to and performed with their violin instructor during same day violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with individual violin lesson. Instructor offered instruction on how to tune a violin.

ART

- Student continued to create art through music.
- Student continued to create original art pieces with resin and resin add ins.

ENRICHMENT

- Student and their dad traveled to Little House, Big Art studio to retrieve fired pottery pieces family had previously painted.

10-2-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, VR simulation).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interacting with others at horse boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, patterns, points, levels, percentages, perspective, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating cooking measurements with VR cooking simulator).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, savings toward future horse).
- Student continued to use mathematical concepts in free play (i.e., photography) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., at horse boarding barn with # of hands horses measure, estimated weights, size of hooves).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student, guide and student's dad continued to research and discuss options for locating a horse for student. Guide described being approached by the boarding manager at guide's horse's boarding barn with an offer to lease one of the horses used for their public riding program over the winter while student continues to search for their horse. Student expressed interest in doing so and took pictures of a few working horses they liked and appeared friendly. Guide will follow up with boarding manager about leasing a horse and about options for reserving a stall for future horse.

- Student engaged in virtual reality cooking simulation to learn different cooking techniques (i.e., cutting, dicing, sauteing) and recipes.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to guide's horse's boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around self-care, nutrition, movement, and sleep.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and hand grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlist in car, existing playlists, new or known music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student created art with photography.

ENRICHMENT

- Student demonstrated critical/independent thinking skills with ongoing discussions and brainstorming about future horse options.

10-3-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, measuring, percentages, height, addition/subtraction, computer science).
- Student mastered new topics as introduced (i.e., explanation of math focuses other martial arts students are enrolled in such as geometry, trigonometry, algebra, etc.). Group discussion of pervasiveness of math concepts and numbers across everyday life as well as examples of these new math terms or classes that student currently uses but was not aware of.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of martial arts kicks, force used in sparring verbalized as percentage).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future horse or horse lease).
- Student continued to use mathematical concepts in free play (i.e., digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., height of martial arts kicks).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed current weather, guide's time hand grazing their horse, wildlife observed at boarding ranch (i.e., what appeared to be a type of blackbird with white wing feathers that landed on guide's horses back; turkeys, geese, mice, deer).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussion of common wildlife observed in Southwestern PA.
- Student used maps and other resources to navigate local roads to travel to martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in first of two weekly martial arts classes that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlist during car travels, YouTube playlists, Apple playlists, music accompanying online videos/games).

10-4-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, coordinates, direction, addition/subtraction, multiplication/division, computer science).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; fixing the PC with their dad). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, finding birthday gift within budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for future horse).
- Student continued to use mathematical concepts in free play (i.e., Mine Craft) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to determine best size to sand/Dremel sea shell for art project).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students also experimented as a team with a prison role play on both the family PC and individual iPads. The students' characters learned laws and rules in the game then worked in a timely manner to apprehend and imprison different criminal characters who acted unlawfully.
- Student engaged in Mine Craft as a team with youngest student on both the PC and iPad using the same server to build and live together in chosen world (i.e., farming, architecture; collecting, growing or engaging in animal husbandry to increase resources; mining; use of

coordinates to explore and not get lost; periodic table elements available in the world; flora and fauna; composting, cooking, crafting and experimenting).

- Youngest student explained and discussed an online Poppy Trading Game describing costs involved for players, trading options, voice chats they could have with other players if permitted to turn on that function in the game, and research they had conducted where they viewed other individuals' recordings of the game being played. Fellow students offered their input about this online game as well offering further clarification.
- Group discussed guide's same day equine vet appointment for guide's rescue horse. The equine vet and guide chose to vaccinate guide's horse with all vaccinations needed given the lack of vaccination history available for the horse. Equine vet administered a 5-way vaccine that covers Eastern and Western Equine Encephalomyelitis, Flu, Rhino, and Tetanus plus a Botulism vaccine and wormer. The equine vet will need to return multiple times for the horse's additional Botulism and Tetanus boosters as these vaccinations are a series of 3 and 2 shots respectively.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Youngest student and guide looked at Great Wolf Lodge locations online on a U.S. map and shared with group.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed the largest and smallest (i.e., Sandusky, OH location) Great Wolf Lodges as well as the oldest and newest constructions.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group continued to discuss birthday donation choices in lieu of birthday gifts from extended family members. Youngest student chose St. Jude's Children's Hospital and Research Facility as well as our local Nose 2 Tail Cat Rescue as donation options for their upcoming birthday.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition and food choices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.
- Group discussed same day death of an extended family member, Anna, from ovarian cancer. Group discussed the upcoming celebration of life that would take place sometime later this

week, each student's feelings around loss, and students' memories of time with this person (i.e., cousins' birthday parties, Halloweens, Christmases, cousins' recitals).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, music accompanying online videos/games, YouTube musicians).

ART

- Student worked on an art project using a power sander and Dremel tool to shape and size chosen piece of sea shell from trip to Outer Banks in September 2022. Student stated they were working from an imagined final product.
- Student and guide reviewed art class option at Home Away From Homeschool Rec Center. Student requested to try the October 4 week series. Guide registered student.

ENRICHMENT

- Group discussed reasons for a celebration of life when someone dies and how it can show support for those still living. Group decided that whenever event would be scheduled the family would all attend to show support for extended family members remaining. Group discussed their schedules for next day including oldest cat's early morning dental appointment, middle student's haircut, eldest student's evening martial arts class, and time needed for a group trip to look for appropriate outfits for upcoming celebration of life.
- Student met with guide to explain an item they had researched and would like as a gift from upcoming birthday student. Guide ordered item.

10-5-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, points, levels, coordinates, percentages, estimating, addition/subtraction, multiplication/division, perspective, color saturation, money, computer science).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; choose and purchase outfit within budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued ongoing savings towards future horse).
- Student continued to use mathematical concepts in free play (i.e., martial arts, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., making own meal) and other practical situations (i.e., martial arts, outfit sizes, drawing).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion around oldest cat's same day dental surgery results and recovery. Group discussed the significance of dental health and its impact on the body's overall functioning and health.
- Student and student's dad worked together to solve current issues with family PC.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed places extended family member had traveled with their family prior to death (i.e., Outer Banks, NC; California, New Mexico, international travel).
- Student continued to use maps and other resources to navigate local roads to travel to nearby mall.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued group discussion around terminal illnesses, death, proactive health care and dental health.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music. Student listened to an audio file of music provided by violin instructor, Vivaldi's Autumn The Four Seasons. Student also chose to listen to their own current musical playlist in Apple Music throughout the day.
- Student continued to have the opportunity to pursue their own musical interests through violin practice.

ART

- Student continued to use recently purchased sketchbook to create daily hand draw sketches to increase artistic skills and fill sketchbook.

ENRICHMENT

- Group travel to local mall to find appropriate outfits for October 7th celebration of life gathering for extended family member. Group continued ongoing discussion around death, family, healthcare, aging and celebrating life.

10-7-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; Pittsburgh Cremation & Funeral video and written documentation).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division; leasing terms, contract and cost).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; concept of leasing a horse and signing a contract). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating cost and length of horse lease).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards future horse).
- Student continued to use mathematical concepts in free play (i.e., horse care, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., clothing sizes).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed death, common white Western death rituals, some Black death rituals (i.e., Homegoing celebration), and other cultures. Group also discussed options guide had learned with friends' deaths including burial at sea in an Eternal Reef, donation of entire body to science, or burial within or at the base of a tree. Group discussed their thoughts on what they would like to see happen to their body after death, what type, if any, of celebration they

would prefer, and what their thoughts are on what happens after death.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Students noted the number of funeral service options in the new area of the community visited to attend family's Celebration Of Life gathering.
- Student used maps and other resources to navigate roads to travel for the first time to Pittsburgh Cremation and Funeral home.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed past burial practices in the U.S. as well as other cultures (i.e., funeral pyres).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability (i.e., death, cremation, burial types, body donations).

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming, grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, YouTube playlists).

ART

- Student continued to create hand drawn pictures.

ENRICHMENT

- Group travel and attendance of Celebration Of Life gathering at Pittsburgh Cremation and Funeral home. This was students first time to attend a gathering where the person was cremated. Group discussion of choices after death, both with a body and with gatherings as well as death, grieving, what cremation is, and of how celebrated person fit into family tree.
- While continuing to search for a horse that fit student's desired criteria, student, guide and student's dad agreed to a leasing option for a working horse from the boarding barn. Guide set up an appointment for student to try out several horses to see if any felt like a good fit. Boarding barn's boarding manager stated they would answer student's questions at next day appointment.

10-8-22

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of human anatomy, the 10th rib (i.e., 8th, 9th and 10th rib are "false ribs" attached to the 7th by cartilage rather than directly to sternum), and "floating ribs" (i.e., 11th and 12th rib only attach to spine). Guide described what happened at same morning's arial fit class as well as their experience at Med Express with x-ray, radiologist's report and doctor. Guide was diagnosed with fracture to the 10th rib. Group discussed treatment (i.e., rest, ice/heat, decrease movement, exercise could resume when pain is gone) and options for assisting guide.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Guide informed students where Med Express was when asked. Youngest student had gone there but was uncertain where it was as were other students.
- Student and their dad used maps and other resources to navigate local roads to travel to horse boarding barn for appointment to pick up lease and ask questions.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed the human skeletal system, the ribs, and fractures.

ENRICHMENT

- Guide experienced a louder cracking sound during their morning arial fit yoga class. When guide returned home group discussed medical options. Students' dad drove guide to med express for an x-ray which confirmed a fracture on the posterior 10th rib. Students were able to brainstorm ways they and their dad could assist guide in the upcoming week's daily activities.
- Student and their dad traveled to horse boarding barn to meet with boarding manager at 4 p.m. Due to high volume of public riders, boarding manager was able to hand student the lease then requested student have guide set up another riding appointment to try out several horse options. Guide will follow up with boarding manager.

10/9/22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., online research & videos; PC & Ipad games/apps; Netflix streaming services; online recipe, online menu).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; verbal and written chat/messaging with online friends).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring cups for 1/3 cup dog food, percentages, addition/subtraction; # of seasons per Anime series, # of episodes in each season, date of next season premier, time until premier date).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life. Specific examples discussed to bring math and science concepts into every day learning and living.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money; savings amount versus items desired; distance, size, pounds, ounces, inches, feet, yards; calendar, current streaming series student is watching, premier date for next season, wait from today to beginning of 2023). Student attempted to construct additional obstacles and preventative options for specific dimensions once they observed and determined how ferrets were escaping playtime enclosure.
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, earned $10 for assisting in feeding and taking youngest dog outside).
- Student continued to use mathematical concepts in free play (i.e., cooking, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., homemade Japanese recipe for fried rice) and other practical situations (i.e., measuring out youngest dog's dry dog food; administering # of cc's of liquid pain medication for oldest cat's recent dental surgery).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to conduct further online research into Japanese culture. Student found online Japanese recipe for homemade fried rice. Student gathered described ingredients, following instructions for cooking, and taste tested the results reporting they did like the recipe. Student described differences in methods of care for fresh eggs in Japan versus the United States.
- Student chose to spend time experimenting with training methods with the family's youngest dog. Student was able to guide the youngest dog through getting on and off of taller furniture through a series of increasing levels of other furniture pieces.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each. Student assisted in administering the vet prescribed # of cc's of liquid pain medicine twice daily for student's cat following dental surgery.
- Student attempted to construct additional obstacles and preventative options for specific dimensions once they observed and determined how ferrets were escaping playtime enclosure.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student continued to conduct online research into the island of Japan viewing resulting videos and written descriptions.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student described learning about the ongoing treatment of fresh and raw eggs in the United Stated versus in Japan.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.
- Group discussion continued around guide's previous day rib fracture injury. Student and siblings continued to assist guide in daily activities as fracture heals.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking steps, running, jumping, dog training).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., online research results with recorded videos of music or including music; by watching a new

Anime series and being exposed to the included soundtracks; YouTube musicians).

- Student continued to attend or perform in live performances. Guide registered student for a March 2023 Group Musician Lesson through a local studio where violinists and viola practitioners will each learn a piece of music then come together to learn how to play as an ensemble.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student reported they have been focusing on drawing in recent weeks both with their sketch book journal and with their digital Ipad apps.

ENRICHMENT

- Student expressed excitement around local studio's Group Musician Classes offered over 2022-2023 lesson seasons for enrolled students.

10-10-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., online research & videos; PC & Ipad games/apps; Netflix streaming services; GPS, road signs, restaurant signs/menu; Home Away From Home School signs, documentation & art class written materials; Kathy's Music signs).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student participated in Home Away From Home School hosted Monday art class with instructor and other students. Student, student's dad, and younger sibling drove to various afternoon classes or lessons (i.e., lunch out at restaurant, HAFHS art class, cello lesson) and home. Student continued to explore the English language at same day martial arts class.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to figure out best online search queries to garner desired results, write messages to international online student friends, continued to compose backstories for original drawn characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, money for this month's art classes, distance, pressure percentage with martial arts).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; angles, percentage force, balance, & patterns with escrima sticks in martial arts).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., outside temperature; calculating schedule given appointments; money; shading/size/perspective in artwork; time/distance to appointments; force, angles, countdown to perform martial arts/self-defense movements).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., distance between self and sparring partner for safe martial arts practice).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation,

observation, museum visits, group discussions, group experiences, classes and reading. Student participated in experimenting with mixing and matching various acrylic paint colors to create their own original artwork.

- Student experimented with use of martial arts kicks, elbows, hits, punches, and various blocks as they continue to learn and advance in their martial arts/self-defense class.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads on outings to same day appointments (i.e., art class, cello lesson, martial arts) as well as local eatery.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Student chose lunch options with nutrition in mind. Student also chose to continue to balance out healthier nutrition with increased activity.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group continued to discuss guide's ongoing experience with 10^{th} rib fracture.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music. Student, younger student, and their dad listened to dad's preferred musical playlist (i.e., NIN) in vehicle while commuting to same day classes/lessons.
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Student attempted to plan out week's practice schedule to match guide's schedule.

ART

- Student used acrylic paints and canvas to create an original painting in their first of four art classes hosted by Home Away From Home School. Student reportedly enjoyed art class stating it was more of a follow along with the instructor on a fall themed project.

10-11-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current streaming selection closed captioning, online research & videos, texts, messaging).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters, observe story lines/arcs in other's compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, notes/beats/patterns in music, pitch, money; savings amount versus items desired; amount of OTC pain medication permitted per pound/age).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned). Student also continued to use family created list of possible income sources (i.e., jobs performed for agreed upon amounts) to participate in jobs, calculate the amount(s) earned, and spend or save as student chooses.

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to conduct online research into concepts that piqued their interest throughout the day including Japanese culture/history, cooking, cooking shows, anime, magma novels, and gaming companies pairings or support of each other's ventures (i.e., shared studio space to produce additional game options, expansion into graphic novels, creation of movies based on gaming characters, etc.).
- Student's youngest sibling continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Sibling chose to experiment with temperature and its effects on liquids and solids. They found that extreme heating of syrup, for example, resulted in tremendous amounts of smoke. Group was reminded of the working smoke detectors in the home and options for fire safety.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of the world through research, online videos and stories.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student continued to view online videos around Japanese culture, history as well as manga book selections & television shows/movies based on these collections.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Student overheard younger students and guide discussing online safety, internet trolls, potential for negativity, and options when feeling attacked by comments of others. Student also overheard other students offering their observations and experiences.
- Group agreed to further review fire safety next day following youngest sibling's experiments with temperature and liquid/solid matter.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Group discussed healthy lifestyle choices including exposure to negativity that can be present online and on social media as well as movement and healthy nutrition.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed Smart Water: Alkaline option, a definition of alkaline, pH, and initial studies found through online research into the outcomes of consuming alkaline products.
- Student also asked guide to assist them in calculating OTC pain reliever doses based on age/weight.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.

10-12-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, hard copy of horse leasing contract).
- Student chose to research their Manga desired reading list.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, points, levels, percentages, addition/subtraction, multiplication/division, seasons/episodes, schedule).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., student proposed an ongoing violin practice schedule using calendar, schedule of ongoing events, time, and amount of new violin material).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards future horse).
- Student continued to use measurement in cooking (i.e., microwaveable meal items for self).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide, student and student's dad reviewed hard copy of horse lease contract received from horse boarding barn manager. After considerable thought and discussion, student reported they would like to lease an appropriate horse from the boarding barn while continuing to search for a horse that matches their stated criteria for sale.
- Group explored local history, Indigenous people, current events and images of both through the use of social media, websites, and a podcast option (i.e., The Odd Cast).
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed Odd Pittsburgh Instagram post, also known as The Odd, Mysterious and Fascinating History of Pittsburgh page. The post shared multiple photographs of the 30 descendants of a local Seneca Tribe, Chief Cornplanter, who joined in the September 30, 1908, festivities. The Instagram page also shared additional links to articles describing 640 acres of Pennsylvania land deeded to the Seneca Tribe and Chief Cornplanter in 1791 as well as the government and military's flooding this area with the waters of the Allegheny reservoir that backs up to the Kinzua damn. The comments also held links to current organizations such as the Council of Three Rivers American Indian Center (i.e., www.cotraic.org) that sometimes hold community events for Native and non-Native people.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, particularly around cooking.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing conversation around nutrition, movement, quality sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.
- Ongoing discussion around martial arts schedule and belt tests (i.e., material taught for December belt test).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, YouTube musicians).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Guide and student discussed an ongoing violin practice schedule for student.

ENRICHMENT

- Guide set up a Saturday 10 a.m. appointment to RHR boarding barn for student to ride/interact with potential lease horse(s).
- Guide set up cardiological workups for 2 most senior cats for February 14, 2023.
- Group discussed family's upcoming travel to the Great Wolf Lodge in Sandusky, OH. Group agreed to think about things they may need for travel. Oldest student stated they would research Manga and create a desired reading list. Group agreed to travel to a local book store before leaving for birthday travel.

10-13-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, money, currency in online games, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculated amount of resin estimated to need for middle student's project).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving for future horse).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed use of resin epoxy and hardener for middle student's proposed Halloween design. Student and older student read epoxy bottle to determine if correct type was ordered. Middle student created hand drawn design specs with measurements. Students and their dad traveled to Lowe's in evening to research and purchase needed items to begin creating middle student's original Halloween accessory design.

GEOGRAPHY

- Student continued to use maps and other resources to navigate local roads to travel to Lowe's.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and

ability. Continued group discussion around guide's 10th posterior rib fracture and healing process.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to attend or perform in live performances. Group discussed options for 2022-2023 live performances (i.e., Pittsburgh Cultural Trust live performances & musicals; Benedum Center performance schedule).

ART

- Student continued to use their sketchbook to sketch, draw and paint images such as practice creating trees with pencils and art markers.

ENRICHMENT

- Group discussed option of attending a paint your own pottery fundraiser on Sunday, October 16th, for local Nose 2 Tail cat rescue. Group members each said they would like to attend. Guide purchased tickets to the event for entire family.

10-14-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, online currencies, percentages, addition/subtraction, multiplication/division, money, points, levels, perspective).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving for future horse).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion around Cape Hatteras National Seashore social media with pictures of a "jellyfish jamboree" or large swarms of Cannonball Jellyfish had washed ashore. The site went on to describe how this phenomenon may have happened (i.e., water temperature, wind, currents), what jellyfish eat, and what will happen with this swarm (i.e., they will be left unhandled to allow nature to take its course of being washed back out or providing a food source for local animals). Group discussed wildlife they had observed when in the Outer Banks, NC.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed the Outer Banks, NC and Cape Hatteras, NC.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.

- Continued ongoing discussion of nutrition, movement, quality sleep and self-care.
- Group discussion of trust circles and boundaries. Guide described how inner most or smallest trust circle holds those closest to you that you are comfortable sharing more intimate or personal details of your life with; the next circle might be extended family or those not quite so close; the next ring might include acquaintances, teachers or coaches; and so on. Group members described who was in their circles of trust and where.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., active play).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists, YouTube musicians, music accompanying online videos/games).

ENRICHMENT

- Middle student requested to participate in Parkour classes. Youngest student agreed they would also like to try. Guide will follow up with oldest student as well. Guide will also continue to follow up on local options.
- Student chose not to accompany guide to boarding barn for a farrier appointment with guide's rescue horse.

10-15-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book, horse lease contract).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with violin instructor; interactions with boarding manager and barn staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions; notes, angles, pitch, strings and chords; measuring, points, levels, percentages, online currencies, money, addition/subtraction, multiplication/division, miles; hands or height of horse).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; resin and wood designs). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes; beats, patterns, metronome, angles of bow and violin in music; savings amount versus estimated horse costs; estimated time of trail ride, estimated height and age of Romeo).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future horse).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., height of potential leasing horse, horse's size versus student's).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student experimented with a suggested gelding, Romeo, as a leasing option at the horse boarding barn where guide's rescue horse is boarded. Student chose to ride Romeo at various locations on the ranch's trails, at various speeds, towards and away from the barn, and around

different distractions (i.e., a water trough, other horses, geese, trees, a turkey). Student observed the horse's behavior with each obstacle, transition and gait describing areas where more effort was required and noting Romeo's willingness to listen/work. Student and guide discussed their observations and thoughts. Student was offered other horses to try but chose to stop with Romeo stating they would like to lease him. The boarding manager informed guide and student of the timeframe and payment schedule adding that if circumstances changed to just let her know.

- Student, middle student and students' dad worked on Phase II of middle student's Halloween accessory project. Middle student had previously created a wooden handle for their original design. Middle student sketched out the dimensions of their blade design on the wood and used power tools to cut out, sand and Dremel the blade design. The completed wood portion of the design included a notched out inner portion where middle student had planned to place resin to create their design. Next student and middle student worked together to measure and mixe the ingredients for the resin then poured the resin into the center of the blade design. Students will wait for the resin to cure.
- Student experimented with chai tea, whipped cream and cinnamon in their newer "Enjoy The Journey" mug.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to the horse boarding barn and Kathy's Music studio.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including horseback riding and trail riding as well as power tools and resin work.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition, movement, quality sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Guide and student discussed safety options for trail riding on an unknown horse. Guide was able to observe student's riding but not participate due to a fractured rib.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horseback riding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists in car, music accompanying online videos/games, student's playlists).
- Student performed live both solo and as part of a duet with their violin instructor during same day violin lesson. After student's lesson both they and their instructor brought their sheet

music, music stands and instruments out into the music studio lobby and played a beautiful duet for guide.

- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Student chose to practice their violin in preparation for same day lesson. Student then participated in individual violin lesson.

ART

- Student created art through music.
- Student created a beautiful chai tea with foam and cinnamon.

ENRICHMENT

- Student and guide attended preset meeting time with boarding manager at RHR. Student used this time to ask further questions about leasing a horse through RHR and questions specific to the proposed gelding, Romeo. Student rode Romeo to observe his personality, riding skills and if Romeo would be a good fit for what student would like to do over the winter months (i.e., trail ride, care for a horse, gain riding experience, possibly take lessons). Student spent a half hour on trails alone and chose to move forward with leasing Romeo on their return. Boarding manager explained lease parameters and proposed a timeframe (i.e., lease signing and payment in 2nd or 3rd week of November).
- Middle student continued to work towards completion of their original Halloween accessory design. Middle student received assistance from student who has the most resin experience and students' dad who has the most power tool experience. Youngest student and guide engaged in the alternate activity of reviewing student's online research and learning in order to assist middle student in increased focus.

10-16-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; color menu and instructions at Kolor N Kiln).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with Nose 2 Tail volunteers, Kolor N Kiln staff, and other participants).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, points, levels, measuring, percentages, addition/subtraction, multiplication/division, money, online currencies; color gradient and saturation).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; correlation versus causation). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., if raffle tickets are 10 for $15 and you have put in 40, how much money did you spend?)
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued savings towards future horse).
- Student continued to use mathematical concepts in free play (i.e., paint own pottery, use of a kiln) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., ceramic sizes, color saturation).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group traveled to local fundraiser to support the cat shelter where family rescued all 4 of their cats. Group participated in the fundraiser and experimented with paint your own pottery and glass. Youngest student chose a ceramic cupcake and a drinking glass to paint which they will bring home and bake per the included instructions (i.e., time, temperature, oven door ajar). Student's dad chose a holiday tree ceramic; guide chose an "eat" sign and mug; oldest student chose a bowl; and middle student chose a planter and a

ceramic jar with a lid. Group explored the rest of the mall as well and experimented with beverages and snacks at Starbucks. Group will return to pick up the ceramic items in 7 days.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group learned about their community as the fundraiser was hosted in a store the group had not been to before at a mall the group had also not visited prior to today.
- Student continued to use maps and other resources to navigate local roads to travel to a mall new to the group.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Participants in the Nose 2 Tail fundraiser discussed the history of Nose 2 Tail in the local community as well as other animal rescues.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group travel to Nose 2 Tail Cat Rescue Fundraiser at Kolor N Kiln paint your own ceramics store. Family donated to support this rescue by attending and participating, by purchasing additional items for sale, by engaging in the raffle, and with direct on site donations.
- Student continued to gain a basic understanding of local, state, and federal government. Group discussed nonprofits versus for profit organizations as well as the how local, state or federal government funding can sometimes assist both (i.e., grants for nonprofits, COVID small business relief packages for some for profit organizations).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., exploring the mall, active play).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music

(i.e., existing playlists; music accompanying online videos/games; music playing in the mall and store).

ART

- Student chose to paint a large ceramic bowl at Kolor N Kiln.

ENRICHMENT

- Family travel to attend a Nose 2 Tail Cat Rescue Fundraiser at Kolor N Kiln paint your own pottery location in a mall and store the family had not been to before. The fundraiser had raffle tickets ($15 for 10 tickets) for purchase with the option of winning 4 baskets up for raffle. The fundraiser also had cat stickers, catnip toys, and other cat related items for purchase. Family chose to purchase items for their cats at home as well as several bunches of raffle tickets. For the raffle each participant wrote their name on the entry ticket and placed the ticket(s) in a jar located in front of the basket they would like to try to win. Youngest student was hopeful for several baskets and evenly divided their tickets between them. Oldest student chose 1 basket and placed all their tickets in that one jar. Middle student chose not to participate in the raffle and instead donated directly in a Nose 2 Tail donation jar. Family was informed they could explore the store and choose from the many ceramic options or glasses to paint. Each family member chose 1-2 items and guide paid at the register. The fundraiser benefited Nose 2 Tail Cat Rescue and was hosted by Kolor N Kiln. The family chose a table as instructed and was informed that each person could place an order for 6 different paint colors at a time. The completed projects could be picked up 7 days later after 3 p.m. The group worked on painting their chosen items while also talking with Sandi, the unpaid leader of Nose 2 Tail, and other volunteers about the group's 4 Nose 2 Tail rescue cats. Sandi pulled up pictures of the family's first time at the rescue when Aurora and Rose had come home with the group. Other individuals and families who had also rescued cats from Nose 2 Tail talked with Sandi and the group about cats. At the completion of the fundraiser, Sandi read off the winners of the raffled items. Youngest student won 2 baskets and oldest student did not win the basket they were hoping for. Following the ending of the fundraiser, the students requested to check out an anime store and a comic book/game store. Group explored these together and organically discussed students' interests, experiences with anime and/or comic books, and any other topic students brought up. The outing ended with a trip to Starbucks in the mall for beverages and snacks.

10-17-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, art class materials).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages; listening and speaking with class and instructor at HAFHS Rec Center art class, community appointment and martial arts class).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, discuss story themes observed in favorite Anime series).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, schedule, fractions, measuring, percentages, points, levels, perspective, height, distance, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of martial arts kicks, angles for kicks/hits).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued savings towards future horse).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., martial arts practice and sparing, size/perspective in drawing).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and middle student traveled with guide for their adjusted Monday schedule for next 3 weeks. Student attended ongoing community support meeting while guide and middle student waited. Group then experimented with lunch options before the remainder of the afternoon appointments. Group traveled to Home Away From Homeschool Rec Center for student's the 2nd of 4 art class meetings. Group then traveled to Kathy's Music studio for middle student's weekly cello lesson before returning home to have dinner. Student's evening martial arts class was canceled due to instructor illness.

- Guide showed student the results of some online research into horses for sale that met student's desired criteria (i.e., geldings, American Quarter horse, trail rider, younger, trained) on the national sales site, Geldings Galore, on Facebook. At the very least student and guide agreed the site may offer sales price comparisons. Discussed concept of online auction sites, local auctions, and rescues.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student, middle student and guide traveled around community telling stories about familiar locations and discussing new places they saw.
- Group discussed and viewed an image, "Amazing Borders Of Different Countries," of the country borders of Paraguay, Argentina, and Brazil as well as Zambia and Zimbabwe, China and Nepal, and 22 other images.
- Student used maps and other resources to navigate roads to travel to ongoing community meeting, lunch location, HAFHS Rec Center and Kathy's Music studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussions around nutrition, movement, quality sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's weekly martial arts class was canceled by the instructor due to illness.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., random new music and known music in car travel; music played at HAFHS Rec Center, student's playlists).
- Student continued to attend or perform in live performances. Student was able to listen to middle student's cello lesson in the music studio.

ART

- Student participated in 2nd of 4 art classes at HAFHS Rec Center where students used drawing pencils and colored pencils to sketch and shade in an animal drawing of their choosing.

ENRICHMENT

- Student, middle student and guide traveled to an ongoing community appointment, a lunch location, student's 2nd of 4 art classes at HAFHS Rec Center, and middle student's cello

lesson at local music studio. Youngest student chose to shadow their dad at work today rather than join in group travels. Group discussed today's experiment with the schedule and students' likes/dislikes. Guide informed all instructors that students would not be able to attend the following Monday due to being out of town. Group discussed alternate ongoing options for an art class such as Fox In A Box homeschool art sessions. Group agreed to consider the known options and guide will continue to research additional choices based on group feedback.

10-19-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions amongst students and with other online participants with group online playing).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, points, levels, percentages, addition/subtraction, multiplication/division, currencies for online games, money).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; new art experience). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calendar, and calculated how much preparation was still needed before travel versus amount of time before departure).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards future horse).
- Student continued to use mathematical concepts in free play (i.e., artwork, silk swing) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., height of silk swing from floor, weight restrictions for swing, dimensions of canvas).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student invited guide to their room to participate in an art experience they had viewed online during previous research. Student explained that each individual starts out with a canvas, paints whatever they would like on it, then the individuals switch canvases. The individuals are then asked to add whatever they would like to the canvas then return it to the other

individual. This process will continue until each person feels that their painting is done. Student and guide chose to pause during the process for the day in order to let each canvas dry.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's second martial arts class of the week was also canceled by the instructor due to ongoing illness.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/apps/videos).

ART

- Student invited guide to participate in a new art experience they had viewed online where each person uses acrylic paints and paintbrushes to paint whatever they would like on both their own canvas and the other person's as well.

ENRICHMENT

- Student invited youngest student to play with them on their silk swing affixed to student's ceiling in their room. Students experimented with different ways to get on the swing, different postures once on, and different dismounts.
- Group observed as student reintroduced the youngest family dog to the family's ferrets. Group discussed observations of the animals body postures, noises and expressions.
- Group discussed upcoming travel, next day's schedule (i.e., drop off dogs at boarding, laundry, pack, gather items for car travel) as well as day of departure and return (i.e., paid for early check in and late check out).

10-20-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student chose to handwrite sweet notes to each family member for them to find when they started their day.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).
- Student offered review and feedback of television show and Manga book series, Dragon Ball Z, for youngest student and guide. Student described story themes, their observations, and level of appropriateness for a student similar in age to youngest.

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, points, levels, percentages, addition/subtraction, multiplication/division, currencies for online games, money).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calendar, and final trip prep time).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards future horse).
- Student continued to use mathematical concepts in free play (i.e., number of outfits, items for car) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., made own meal).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students continued to work as a team to explore and create in online games.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed the Pittsburgh Zoo and PPG Aquarium as well as various farm locations with upcoming Fall Festivals.
- Student used maps and other resources to navigate local roads to travel to Misty Pines dog boarding facility.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student noted a red rash on their lower leg area after taking a shower. Guide added this observation to the list student and guide created to take to the dermatologist for student.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).

ENRICHMENT

- Group discussed upcoming Fall and Winter activity options such as Pumpkin catapult, Fall Festival and Zoo Holiday Lights.

10-21-22 thru 10-24-22

Great Wolf Lodge, Sandusky, OH

Group conducted online research for projected weather for Sandusky, OH; used this information to pack appropriate attire for weekend travel; discussed # outfits needed; and volume/size of bag to carry items. Group discussed upcoming timeline for travel from PA to OH. Group agreed to leave between noon and 1 p.m. to arrive around check in for hotel (i.e., 4 p.m.). Guide described online pre-check in to confirm room and approximate arrival time.

Group used GPS, road signs, and navigation announcements to navigate family travel across states. Navigation announced state border crossing on way to destination and guide pointed out "Welcome to Pennsylvania, the Keystone State" on return. Group noted distance at various travel points, speed variations, mph, travel time and its impact on arrival time, and use of Easy Pass to pay for PA and OH Turnpike charges. Youngest student and group discussed the geography of Great Wolf Lodge locations around the United States. Youngest student reported initially viewing a YouTube video reviewing the Arizona Great Wolf Lodge location by young YouTubers River and Wilder. Group discussed options for traveling from Pennsylvania to Arizona and times each may take.

Group arrived at the Great Wolf Lodge in Sandusky, Ohio. Group discussed and observed how to check in to a hotel; how to determine where room # is; and how to navigate the hotel using the stairs and elevator. Group read the posted room floor and room # signs then determined the 3 digit room location based both on floor (i.e., 4^{th}) and where the specific # would fall in the ranges offered (i.e., 469 would be within 448-486). Group members also practiced how to read the restaurant menus, how to order for self at restaurant, how to calculate the cost of meals/snacks/souvenirs, as well as how to provide payment at restaurants or stores. Group discussed the observed changes in COVID protocol as well as the changes in COVID findings from family's last visit at the same time last year.

Over the course of the stay, group discussed nutrition, particularly around the food options offered by GWL, and its impact on the human body/digestive system. Group discussions also included the impact of quality sleep or lack thereof; individual's preferred sleeping arrangements/rituals; and each group member's experience with loud noises, flashing lights, crowds, and continuous stimulation. Group members also noted how it felt physically and emotionally after a longer car ride; how it felt to experience increased daily movement and stimulation; and the impact of being away from home.

Younger students participated in the magic tour component offered by the GWL hotel. Younger students chose a wand and wand topper at the magic store, purchased these, provided necessary information to begin a magic account, received a written booklet of riddles/magic hunt instructions, and listened to the store employee to receive additional instructions. The younger students then traveled around the hotel to find specific statues/areas/artwork/etc. to point wand at and receive a message to complete steps of the magic hunt as well as solve a riddle. During this and throughout the stay, group members chose to participate in conversations with other hotel visitors, staff, and characters each to their own comfort level. Group members also were

involved in daily reading (i.e., instructions, signs, menu, current book selections, video captioning, activity rules, etc.).

The group also chose to experience the GWL indoor water park. Four of the five family members experimented with various slides to experience speed, distance, trajectory, and fun. Guide reminded group members of their healing posterior rib fracture which meant and the recommended healing process (i.e., no slides). Guide chose to photograph the group members enjoying and exploring the waterpark (i.e., reading rules, comparing depth vs height, speed of slides, age/# of riders, solo and double tube options, the volume of giant tipping bucket when it tipped, time, swimming abilities, conversations).

Youngest student chose to participate in the included Build A Bear experience (i.e., dimensions of chosen stuffed animal, outfit for size, open times for store, wait for turn, miniature light up wand for chosen animal to use as a "mage" with student on Magic Tour).

Group encountered live performances (i.e., musicals, plays, animated characters) throughout their stay along with the option to participate in group games/activities each day (i.e., trick or treating, bingo, etc.).

Group ended up spending the most time during the stay at the GWL Arcade. Students were shown how to use the arcade machine that translated American dollars to "paws" on an arcade card that needed to be swiped each time participants chose to play an arcade game. Each family member received their own card with an equal amount of paws on it. Group members chose to work together to use the paws to earn tickets or points that in turn could be used to purchase prizes of equal or lesser ticket # value. Each game required its own # of paws to play (i.e., 4, 8, or 10). Group members set out with a ticket goal in mind and calculated their # of tickets/how many more were needed. The games/activities offered a wide variation of math concepts and science experiment options (i.e., pressure/location of mallet hitting barrel center to push lighted weight up the scale to win most tickets possible; trajectory, throw, spaces/items labeled with score obtained if bean bag/ball entered or knocked over item; volume of cup and number of balls within; arrow shape and fitting into clock spaces as it spins; scores, points, tickets, paws required, arcade card stats, etc.),. Youngest student focused on conducting claw machine experiments. Using the information gathered, youngest student was able to win over 20 stuffed prizes. Older students experimented with various games, claw machines, driving game, and ski ball options.

Each group member chose to go to the GWL gift shop and were given a budget to work within. Group explored the items at the gift shop, conversed with the employees there when needed, and chose items within their stated budget. Students were able to calmly discuss options with guide and demonstrate critical thinking skills during the experience.

Group discussed packing and timeline for return travel (i.e., late check out, activities group members wanted to do prior to leaving, times each member hoped to arrive home). Google maps was able to offer a more direct route home using only the Ohio Turnpike which transitioned to the PA turnpike then an exit to South 79.

10-26-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; Manga and books in book store).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with hair salon staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; explained story themes and content related to Manga and favorite Anime series to guide).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, perspective, addition/subtraction, multiplication/division, money, tipping, book budget).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, parking dimensions, money per hour for parking at meter, hair salon payment and tipping, bookstore budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards future horse).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to determine inches of hair to cut at hair salon).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose maximum number of books per budget. Student also chose a blank journal to keep track of what books they read as well as to write down their book ratings, summaries of the books, and their thoughts on each book. Student agreed to share this with guide to assist with the students' Reading List 2022-2023 documentation.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide traveled into town for student's hair appointment. Discussed previous explorations of downtown including a birthday trip to see "The Nutcracker" ballet when student turned 4. Student stated they enjoyed walking, looking and talking about the observed architecture, what buildings are in town, and who they see.
- Student used maps and other resources to navigate local roads to travel into town to the hair salon then to a local bookstore and, later, to their martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion of attention to self-care following a busy, exhausting, socially engaging, or noisy experience even if it was really fun. Students brainstormed options for rest and recharging following youngest student's birthday travel.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlist, music accompanying online videos/games).

10-27-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current Manga book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages).
- Student chose to focus on Manga books purchased the previous day. Student also used the Instacart app to order snacks for themselves.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, perspectives, dimensions, color wheel, percentages, addition/subtraction, multiplication/division, money, tipping, delivery costs for Instacart).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; using apps to order own food). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., use of additional features on Procreate app to create digital artwork).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards future horse).
- Student continued to use mathematical concepts in free play (i.e., digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., cooked for self) and other practical situations (i.e. digital artwork).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student experimented with online food delivery apps.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco,

alcohol and drugs, and the advantages of good nutrition and other health practices.

- Student continued to learn about the human body, at a level appropriate for their age and ability. Student described having sore arm muscles from the previous 2 days martial arts classes.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).

ART

- Student continued to use Procreate app to create original digital artwork.

ENRICHMENT

- Student, guide and student's dad continued ongoing discussion around leasing and buying a horse for student for their upcoming birthday. Student offered their reasons for wanting to look into a horse currently for sale (i.e., Rikki, a 9-year-old Appaloosa Draft Cross mare, a trail horse) that the boarding barn employee had texted guide about at the end of youngest student's birthday trip. Guide will follow up and set up a time to meet the horse.

10-28-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online funnel cake recipe; violin music book, loose sheet music, and practice assignments thru practice app).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing annunciation of English words, Manga book series; listening and watching "The Science Of Practice" video as part of violin assignments).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, noted story lines for graphic novel/manga selection as compared to the television adaptation).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, schedule, vegetable oil temperature, fractions, measuring, percentages, addition/subtraction, calendar, pumpkin weights; varying levels of gas fire on cooktop and each corresponding level's impact on vegetable oil).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life. Guide pointed out the use of math and learning in group members' online games and fun play.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money; distance, size, ¼ teaspoon, ¾ teaspoons, ½ tablespoon, 1 tablespoon, measuring cups).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned).
- Student continued to use mathematical concepts in free play (i.e., violin practice, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., funnel cake recipe made from scratch) and other practical situations (i.e., blackout curtain size).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading.

Student described viewing an online video during online research that described a particular powder that when placed in cooking oils turns the liquid oil to a solid consistency to decrease challenges with disposal.

- Student chose to conduct a funnel cake experiment. Student gathered and measured out the necessary ingredients, mixed them together, and prepared the cooking oil heating it to the appropriate temperature. Student used a digital thermometer to determine when the oil was properly heated. Student cooked the funnel cake ingredients to a golden brown, placed it on a plate to cool, and sprinkled it with decorative powdered sugar. Student shared their experiment with group.
- Group planned to travel to a nearby farm to explore and choose pumpkins. Middle student described their time at the pediatric dentist such as the use of Novocain and laughing gas for pain. The pediatric dentist worked on a cavity and tooth decay. Middle student's dad, who had accompanied student to the appointment, stated the dentist recommended guide follow up with an orthodontist to see if that office would pull another of student's teeth. Dentist had guide cancel student's next appointment (i.e., the next week) unless guide could get/attend an orthodontist appointment prior to the appointment. Guide contacted KSG orthodontics and set up an orthodontist consultation appointment for younger students for the first available time, or January 4, 2023. Oldest student stated they did not want orthodontic work done but would accompany the group to see the office in case they ever changed their mind. Middle student requested the family postpone the farm activity until the next day so they could rest. Family agreed and supported student in this decision.
- Group discussion of image, "Wooly Bear Caterpillar Winter Predictions," and recently observed wooly bear caterpillar. The written information describes how wooly bear caterpillars get their stripes (i.e., how much they've been feeding, age, and species).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Student's instructor included 2 videos to view (i.e., "The Science of Practicing" about the reasons for practicing and its effects on the brain; a piano accompaniment for the song, Dance Steps, for student to practice with). Instructor divided student's practicing assignments into A and B parts in order to allow for shorter, more frequent practicing.

ART

- Student continued to use their Procreate app to produce original digital drawings.

ENRICHMENT

- Middle student chose to cook Fry Um's Indian snack item in oil on the stove top. They used a digital thermometer to calculate the rising temperature of the oil. Group reviewed fire safety particularly around cooktop fires, fire prevention, and fire safety options. Middle student made Fry Ums for all students.
- Student chose to conduct online research to find a funnel cake recipe; gathered ingredients; measured and mixed said ingredients; heated vegetable oil to desired temperature on cook top; and created at home funnel cakes.

10-29-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos; signs/written documentation at both Kathy's Music Studio as well as Trax Farm store and pumpkin patch; sheet music and violin book; GPS, road signs).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., writing good morning note for family; listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussions with Trax Farm staff and fellow shoppers; conversation with violin instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; viewing story lines and arcs for both television shows and the accompanying graphic novels).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, outdoor temperature, fractions, measuring, percentages, addition/subtraction; nominal numbers to categorize pumpkin size and associated costs; money, tax, prices at pumpkin patch).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; reviewed fraction addition).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money; savings amount versus items desired; distance and time calculations to set destinations; total cost of items purchased at farm pumpkin patch/store).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, monies for own purchases). Student, guide and their dad discussed upcoming visit to horse seller to meet, interact and ride with a potential horse for student. Discussed total costs for horse/boarding/hauling; need for trip to actual bank to retrieve cash for potential purchase; and options for upcoming horse visit (i.e., vet check prior to purchase, hauling, deposit vs paying full balance, etc.).
- Student continued to use mathematical concepts in free play (i.e., violin practice and lesson, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., making own meal/snacks) and other practical situations (i.e., horse measurement in hands vs feet/inches).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of plants and flowers observed at farm/pumpkin patch. Group recalled timeframe of other observed plants, fish and tadpoles available during spring/early summer season.
- Group observed varying sizes, colors, and textures of pumpkins as well as differences in gourdes and squashes offered at the farm. Group members experimented with chosen pumpkins to compare weights, sizes and shapes in order to better understand the pumpkin categorizing system (i.e., 0 = smallest pumpkin = $2.00; 1 = slightly larger = $3.00, etc.) and find the best fitting pumpkin for what each member was looking for.
- Student and violin instructor viewed video of the science of practicing instruments and its effects on the brain. Instructor applied video content to same day lesson to assist student in learning and practicing.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community and country through research, travel, maps, play and stories. Student, guide and student's dad discussed upcoming travel to Ohio from PA to view horse option for student set for Friday, November 4th.
- Student used maps and other resources to navigate roads on local family outings to local music studio and Trax Farm/Pumpkin Patch.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Group discussed their observations around increased movement and their physical and emotional well-being.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed prior trips to same pumpkin patch and changes in their physical selves over the years (i.e., current ability to lift heavy pumpkins, students' increased height versus same size photo stands, observed changes when climbing on the pumpkin piles over the years).
- Group discussed first aid, first aid certification and the use of first aid when tending to wounds such as student's oldest sibling's cuts on their fingers that occurred when carving their pumpkin with a sharp, serrated knife. Group recalled medical aid necessary when other group members experienced open wounds or cuts.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student explored indoor and outdoor farm displays, assisted in carrying/lifting

heavy objects, and walking/running.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student reported their instructor had not mentioned the upcoming Fall Recital in which student could perform. Discussed group class options where student's instructor will guide the group in an ensemble piece. Student is registered for a March 2023 class.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Student participated in same day violin lesson. Student will participate in first group class (i.e., Sound Engineering) this upcoming week, Thursday, November 3rd.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student reported they have been focusing on their digital drawing utilizing their Procreate app.
- Student began carving and decorating their chosen pumpkins for Halloween.

ENRICHMENT

- Students chose to all participate in pumpkin carving/decorating as soon as family returned home from the farm pumpkin patch. Oldest student chose to follow more traditional path carving an expression into their pumpkin with a knife and scooping out the seeds. They described a plan to dry out the seeds and later plant them to grow their own pumpkins. Older student chose to decorate their pumpkins with spray paint both inside and out. Youngest student initially chose to use chalk markers to decorate their pumpkins then shifted to spray paint as well. While the group was working on their pumpkin art projects, the oldest student injured their dominant hand when their fingers slipped over the blade of the knife they were using to carve. Guide demonstrated first aid for bleeding wounds. Group discussed when additional medical intervention would be necessary and when at home first aid is sufficient. Students were later able to describe the physical and emotional feelings experienced during this time.

10-31-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos; signs/written documentation at community appointment; signs, prices, product descriptions at grocery store; Home Away From Homeschool Rec Center signs, art class information; road signs, GPS).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; product descriptions at grocery store; Halloween conversations with neighborhood families while handing out candy).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, money, self-check out system at grocery store, tax in the United States versus some European countries).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, money; cost of upcoming horse prospect; distance from home in PA to OH).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, monies for own purchases). Student agreed to calculate total monies saved towards own horse and inform guide.
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student requested to visit local grocery store to purchase and experiment with exotic fruits. Student described online research and videos viewed about rambutan fruit (Southeast Asia origin) and the yuzu fruit (East Asia origin). They chose to experiment with the rambutan fruit first. Student also chose to purchase dragon fruits, star fruits, grapefruit and a coconut to taste test and experiment with recipes with (i.e., homemade dragon fruit lemonade, coconut water, shredded coconut).
- Continued first aid of student's dominant hand fingers. Online research requested by student with search criteria: "what to do when gauze sticks to open wound." Student tried several solutions offered (i.e., soak area affected to soften before slowly attempting to remove gauze;

place area under running water while attempting to remove stuck gauze). Student was able to successfully remove the gauze.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student described stories and videos from Korean chefs using some of the exotic fruits student chose to purchase.
- Student used maps and other resources to navigate roads for same day local outings to a community appointment, an art class at Home Away From Homeschool Rec Center, and a local grocery store student had not shopped at previously.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student chose to participate in handing out candy to neighborhood during annual trick or treat time.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Group described safety suggestions given by neighborhood for trick or treating.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Group members described differences for themselves with this year's Halloween, trick or treating, and candy consumption. Group members agreed that having access to candy during the year when they choose to have some has taken away the feeling of wanting to get as much candy as they can on Halloween.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Younger students offered observations around sleep amount, energy levels and participation in physical movement. Both younger students chose to end their trick or treating early.
- Continued first aid for student's finger wounds from pumpkin carving incident. Student chose to apply clean and change finger bandages independently as guide observed. Student learned several options to remove sticking gauze from open wound through online research and did so.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's first of two martial arts classes for week that focus on both martial arts and self-defense was canceled due to Halloween. Student spent a busy day in the community with guide then participated in handing out candy for trick or treating.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.

ART

- Student participated in 4th of 4 art class sessions presented by Batavia Art Studios at Home Away From Homeschool Rec Center. The theme for this week's class was Halloween and involved sketching with colored pencils on cardstock paper. Students received Halloween candy, coloring items and paints.

11-2-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student created a beautiful scrolled note wrapped in butcher twine and sealed with a flower sticker that they left addressed to guide, their dad, and younger students. Student left it on kitchen counter for family to find upon getting up.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with Kolor N Kiln staff and Starbucks staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, perspectives, color chart, line/shape, color saturation and brightness, percentages, addition/subtraction, multiplication/division, money, distance, speed).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; color theory). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating money needed to purchase Starbucks beverage and sandwich).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future horse).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., sketchbook page size, drawing size, horse size).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide took family's cat, Lily, to the vet for an early morning vaccination appointment. Guide described measurements taken by the vet as well as weather while transporting. Guide showed students several photos they had taken during the drive of the thick fog that had

covered the area. Students discussed what creates fog and specifically morning fog (i.e., temperature, cool air, humidity). Students noted the rising sun and the lack of fog as the day progressed.

- Student and guide continued to discuss potential future horse option (i.e., Rikki) currently located on a farm in Ohio. Guide had set up time/date to meet and ride the horse (i.e., Friday, November 4th, 1 p.m.). Student and guide will meet ranch employee who had been assisting them in finding a horse at the boarding barn on Friday at 11:30 a.m. The group would then drive to the farm in Ohio together to look at Rikki.
- Group discussed the online Science & Tech article, "Sci-Fi No More: Introducing The Contact Lenses Of The Future." Guide read aloud for the group and discussion arose around the advancements described in the article. Group then discussed eye care including setting annual appointments with an optometrist to proactively treat eye health as well as receive a prescription for glasses and/or contacts. Guide described their experiences with eye exams, imaging and contacts.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate local roads to travel to Kolor N Kiln paint your own ceramics store and the martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed annual appointments with an optometrist for eye care and health. Group discussed different eye health concerns (i.e., macular degeneration, scarring in the eye, bacteria in the eye, etc.).

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).
- Student continued to attend or perform in live performances. Student performed their current music selections for guide.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student used art markers and their sketchbook to create and practice drawing trees. Student marked beside the images the exact color and marker number used. The color/marker numbers referenced back to a chart student had made with swatch colors and their accompanying number for each marker so that student had a visual reference for what the dry markers would look like on the sketchbook paper.
- Group picked up the fired, completed ceramics painted during the Nose 2 Tail fundraiser at Kolor N Kiln.

11-3-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, Kathy's Music Intro to Sound Engineering materials).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; interactions with instructor, other students, and parents who also attended the Intro to Sound Engineering class at local music studio).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, schedule, temperature, fractions, measuring, percentages, sound; editing, mixing, modifying sound; addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; sound engineering). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointment; notes, beats, patterns, pitch as well as recording, modifying, mixing and creating in music).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards future horse).
- Student continued to use mathematical concepts in free play (i.e., sound engineering) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student participated in their first group class at Kathy's Music studio, Intro to Sound Engineering. Their dad provided transportation and parents were invited to participate in the sound engineering class. Students were given reading materials; introduced to the engineering equipment and software; and participated in ongoing discussion throughout class. Both student and their dad reported enjoying the learning experience. The instructor has their own sound engineering business and offered helpful tips to anyone interested in this path.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student continued to discuss their next day car travel to Ohio to meet a potential horse prospect.
- Student used maps and other resources to navigate local roads to music studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's dad's playlist during car travel, student's playlists, new music in Intro to Sound Engineering class).

ART

- Student created art with music and music modification/mixing.

ENRICHMENT

- Group held a meeting to discuss current schedule, proposed alternate schedule, taking field trips, and requested field trips.

11-4-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; potential horse's vaccination records, dental report, and Coggins report).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student, guide, boarding barn employee/horse finder, and a second boarding barn employee met at guide's horse's boarding barn, discussed traveling to Ohio barn, and traveled in separate cars to the horse's location. The group interacted with the horse seller and her husband during the meet/ride process. Student fully participated with the purchase of their first horse.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; explained story themes and arcs from favorite Anime series to guide as well as how Manga translates to streaming content).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, series, seasons, episodes, percentages, scales, statistics, addition/subtraction, multiplication/division, tax, money, pounds, hands, hay combinations/identification).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; horse sales). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, travel time, riding time, percentage of fat/carbs/sugars in horse feed; money to purchase, trailer, tip and board horse).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, will continue to save towards horse expenses). Student spent savings for horse on first horse.
- Student continued to use mathematical concepts in free play (i.e., violin practice, horse purchase) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., determine size of horse, size/type of bit, distance to Ohio).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student, guide, boarding barn employee/horse finder, and a second boarding barn employee met at guide's horse's boarding barn, discussed traveling to Ohio barn, and traveled in separate cars to the horse's location. All four individuals were able to look over the prospective horse for student and ask questions. Student's horse finder asked about a chip in the horse's front hoof and seller acknowledged and informed student of the farrier care the horse had received. Student and guide observed the horse and interacted with her in hopes of getting an idea of her personality. The horse was very friendly and rested her forehead on student. Student groomed the horse as an opportunity to get firsthand knowledge of how the horse tacked up and stood to have their hooves picked. Once groomed the horse was tacked up and student road the property with the individual selling the horse. Guide watched from the ground and asked questions of the horse finder. When student returned the seller let student hand graze the horse and talk with guide. Guide and student discussed student's thoughts, feelings, impressions and gut reaction to the horse. Student listed out the pro's and con's to the horse. After the discussion, the seller offered multiple options for moving forward. Student chose to purchase the horse at the price the seller asked. A plan was put in place for payment, transfer of records, transportation from Ohio to the boarding barn in Bridgeville, PA, and a date/time to move the horse. Horse finder will trailer the horse from Ohio to Bridgeville, PA and help unload her for student. Horse will arrive on Tuesday, November 8th in the evening.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide traveled from Bridgeville, PA to Ohio farm. Discussed Pennsylvania turnpike which transitioned to the Ohio turnpike when they crossed states.
- Student used maps and other resources to navigate local and out-of-state roads to travel from PA to OH to reach horse seller's barn.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, specifically riding an unfamiliar horse on unfamiliar terrain.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student trail rode prospective horse.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., guide's and random Apple playlists on way from PA to OH, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student and guide discussed whether student would want to participate in the HAFHS Rec Center's 4 week series art class again this month. Student declined requesting to find a teen art class instead. Guide will continue to research options.

ENRICHMENT

- Student and guide traveled to a horse broker barn in Ohio to view and ride a prospective horse for student. The seller reported she seeks out trail riding horses; evaluates and trains them for trail riding; and sells them. Seller was able to provide some background for student on the horse's history (i.e., grew up trail riding in Texas, trail road extensively on mountainous trails of Virginia, had been with seller for several months). Vet, farrier, and dental work was up to date and documentation provided. Student interacted with those present and the horse, took her onto a trail ride around the seller's property within guide's line of sight, and ultimately chose to purchase the horse with their own savings. Guide provided payment, received documentation, and set up delivery of the horse. Student will receive their first horse on Tuesday, November 8th in the evening. Guide will inform boarding barn of the horse's upcoming delivery so that the stall guide had reserved can be prepared for occupancy. Guide will begin payments on student's horse's boarding.

11-5-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with instructor in same day violin lesson).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, existing compositions of violin music).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, perspectives, volume, sound, notes, pitch, tuning, angles, metronome, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; statistics offered on practice app). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; notes, beats, patterns in music).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., violin bow and amount of bow on strings to accomplish desired sound or note).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide experimented with student's music practice app. They found options to use points earned to purchase accessories for the app's avatar. Student decorated avatar and changed background. A statistical page offered an analyzes practice lengths with times practiced, times practiced for a shortened time, or missed practices. Student explored what stars stood for, what trophies symbolized, and what fire image denoted. Student also found a page to access all dates practiced and all dates lessons were attended. Today's research

provided much additional information for student and guide.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate local roads to travel to music studio.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists in car travel, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live violin music in same day violin lesson as well as listened to instructor demonstrate music and techniques.
- Student continued to have the opportunity to pursue their own musical interests with private violin lessons.

ART

- Student created art through music.

11-7-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, scales, addition/subtraction, multiplication/division, heights, distance, perspective, speed, force).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; additional aspects to martial arts). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of kicks).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., height of martial arts kicks, distance from sparring opponent).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with and learn about the science of martial arts (i.e., the force of a strike; the velocity, momentum and angle of the body that assists in impact of a strike; how to spar with an opponent; how to create the patterns of a martial arts stick and maintain those with a partner; what stretches and exercises assist the human body in improving stamina and strength for specific martial arts moves; some history to martial arts

and the instructor's experiences).

- Student traveled to horse boarding barn and provided their horse care, grooming and a third feeding.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate local roads to travel to martial arts studio and boarding horse barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Martial arts instructor discussed some of the history of martial arts including their experiences with different studios, approaches, and competitions.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games, music played at martial arts).
- Student shared favorite instrumental song with guide through text.

11-8-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., Bloodmarked: Book Two In The Legendborn Cycle book selection, online research & videos, other online content, online USA today article).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with boarding barn staff with the delivery of).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, money, paying and tipping boarding barn staff for trailering student's horse, estimated dimensions of stall).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating possible arrival of first horse at boarding barn once guide received text from trailer hauler that they were headed back from Ohio, payment for trailering plus tip amount).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Genshin Impact online game) as well as age appropriate math related media (i.e., Ipad and PC games/apps, calculator).
- Student continued to use measurement in practical situations (i.e., amount of hay for new horse, level of water in bucket, size of stall).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group read aloud and discussed an online article, "At 20 Inches Tall, Pumuckel The Pony Is Vying For The Title Of World's Smallest Horse," found in USA Today. Students compared the pony's size to family's smallest dog finding they would be similar in size. The pony lives in Germany and is an art therapy Shetland Pony.
- Student prepared for the same day arrival of their own first horse, Rikki, from Ohio. Boarding barn staff were trailering Rikki this evening and would meet student and guide at

the boarding barn to unload Rikki and get her to her new stall. Student and guide arrived early and enjoyed the early night sky with many visible stars. Student was able to differentiate between stars and planets in the night sky. Student and guide met Rikki upon arrival and helped settle her into her new stall. Student offered Rikki fresh hay and water. Student stayed to begin bonding with horse.

- Guide had same day equine vet appointment for their horse. Guide followed up with vet about adding student's first horse to their practice and schedule for a well check following the new horse's arrival. Guide informed student their horse was now under equine vet's care as well and would be seen at equine vet's next trip to boarding barn.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Continued discussion around where student's first horse was living and were they are traveling to.
- Student used maps and other resources to navigate local roads to boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed the international history of the Guinness Book of World Records.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including being present around an unfamiliar horse in what may be a startling and new environment for the horse.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).

11-9-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, scales, addition/subtraction, multiplication/division, money, distance, speed, horse's current weight, hoof size, food weight).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; factors for first horse care). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating time with first horse, grazing, grooming, feeding and connecting).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use measurement in cooking (i.e., making own meal) and other practical situations (i.e., measured horse's mouth and face to purchase a bridle, bit and halter).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student spent beginning of the day at the horse boarding barn with their first horse on her second day there. Student and guide took their horses out to hand graze them, connect with them, and, for student, get to learn their horse's body language, likes/dislikes, or anything else the horse offered. Student groomed their horse and problem-solved options for possible boredom in their new stall (i.e., stall guard so that horse could stick her head out while student is there; hanging hay ball option, other treat options). Student will continue to research options to engage their horse during stall times.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group discussed an online news article reporting on John Fetterman, his role as Deputy Mayor in Pennsylvania, his family, and his run for state senate as a Democrat.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos and games, student's dad's playlist in car travel).

ENRICHMENT

- Student requested to go to a local saddle store in near future to pick out possible saddles, halters, and a bridle. Guide offered to travel there next day.

11-10-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with owners of Shady Acres Saddlery store).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, perspective, addition/subtraction, multiplication/division, feet, inches, saddle sizes, calendar).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; measuring tack and saddles for best fit). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calendar for saddle fitting appointment, measuring horse face dimensions and bridle dimensions).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., estimated distance of turkeys from student/horse, horses face measurements and bridle measurements).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to Shady Acres Saddlery store in the Fox Chapel area of Pittsburgh, PA. Student experimented with different sizes, types and constructions of saddles. Student chose 3 options to try out with their first horse. Student also explored the rest of the tack and chose a bridle, reins, halters, needed brushes and hoof pick. Student and guide talked with 2 of the 3 store owners to discuss both the bridle and a educational saddle fitting appointment. The saddle fitting would involve both the student's and guide's horses and

would provide a demonstration and education opportunity on proper saddle fitting, proper placement of tack, and a trial ride to test out the tack. Student would have the opportunity to keep the tack for 7 days to ride multiple times before deciding if it was the best fit. Appointment set for November 29th due to store's upcoming big sale, Thanksgiving and owner's busy schedule.

- Later in the day student and guide traveled to their boarding barn to care for, groom and graze their horses. Student and guide observed a group of wild turkeys and noted how the turkeys would stay a certain distance away from the horses and humans. Student also noted how the turkeys seemed to seek out areas the horses had been in, rooting around horse manure and hay left behind. Student theorized the turkeys may find certain insects under and within the manure and hay. Discussed geese and smaller birds that also could be observed in the working horse field area appearing to be engaged in the same behavior. Images taken of wild turkeys to share with younger students. Guide will discuss turkey and bird behavior on the ranch and ask for younger students ideas as well.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide traveled for second time to Shady Acres Saddlery in an unfamiliar part of the Pittsburgh community.
- Student used maps and other resources to navigate local roads to travel to Shady Acres Saddlery store and boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student learned how to measure a saddle seat for their body and what size saddle was a best fit.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, music accompanying online video/games, Apple and YouTube playlists during car travel).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

11-12-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, summarizing existing story elements).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, angles, strings, sound, scales, money, currencies on online games, percentages, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointment, notes, beats, patterns, portions, pitch, angles and metronome in music).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., length of bow, length of bow to come in contact with strings, position and portion of fingers on strings).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Middle student chose to share an online video, “The Most Beautiful Image Of Earth Ever Taken,” to group family text. Student found this YouTube video during online research into the universe and space.
- Guide researched predicted temperatures for November 2022 in Pittsburgh area. Guide then found jacket store, Spark Paws, that sells outerwear for dogs. Group offered their thoughts

and opinions on what would work best for family's younger dog. Group assisted in measuring dog's required dimensions to determine best size for him. Two fleece jackets ordered.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to music studio.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to attend or perform in live performances. Student listened and participated in live performances during violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with private violin lessons.

ART

- Student created art through music.

11-14-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student conducted online research into unique fan shaped leaves and tree finding it was a Ginkgo tree.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages; interactions at community support meeting and martial arts).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, addition/subtraction, multiplication/division, height, calendar, money, online currencies, force).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, distance, speed, heights, percentage force).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., martial arts) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., estimating tree size, height of kicks in martial arts, force of strikes).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research to identify a tree and its leaves they saw while out in the community. Student explored images and descriptions of common trees found in Pennsylvania identifying the tree as a Ginkgo tree.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to a community

support appointment.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition, movement, sleep and selfcare.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student noted the differences in self when out exploring nature.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists; guide's playlists and random selections from Apple music and YouTube; music accompanying online videos/games).

ART

- Student created artistic decorations with fallen leaves from the Ginkgo tree.

11-15-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, addition/subtraction, multiplication/division, height, calendar, money, online currencies).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, temperature, snowfall measurement).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., temperature, snow, group online research) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., estimating snowfall).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group observed and discussed the season's first snow fall to accumulate on the ground. Group researched in previous year's photos to determine if today's snowfall was early, on target, or later than previous years.
- Group briefly discussed a historical image showing a 1960 Corvair vehicle with a "baby dash cradle" that kept the baby warm with engine heat and "safe" and "comfortable" with a built in "cradle." Group discussed the differences in child safety and pediatric care over the course of the last 63 years in the U.S. Guide described what they were told about infants in cars when guide was a baby (i.e., nonexistent, infant was placed on backseat or held in back). Group looked up invention of infant car seats (i.e., Britain, 1962) as well as seat belt laws (i.e., secondary enforcement starting in 1987 in PA with fine of $10; primary enforcement where police could stop a vehicle if seatbelts aren't worn by those under the age of 18

starting in 2017).

- Group discussed guide's same day exploratory colonoscopy procedure; its weeklong prep and day prior prep; the reasons for the procedure; and proactive healthcare.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussion around the 1960 Corvair dash baby cradle

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Students described how they used 5 point safety harnesses for their childhood then booster seats when height, weight and age requirements were met. No child safety seat but 3 point seatbelt once those requirements were met.
- Student continued to gain a basic understanding of local, state, and federal government. Group discussed of seatbelt laws in the U.S. which is left to individual states and territories. Enforcement of these laws by law enforcement can be primary or secondary enforcement (i.e., primary: vehicle can be stopped and ticketed if not complying; secondary: vehicle cannot be stopped for seatbelt violation alone, rather if vehicle commits primary violation they can also be ticketed for seatbelt violation).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed cold temperatures, wind advisories, potential for frostbite, frostbite and treatment options.
- Students chose to conduct online research on their own while guide participated in an early morning exploratory colonoscopy. Group discussed procedure's weeklong and day prior prep, the procedure itself, and proactive health care.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., existing playlists, music accompanying online games/videos).

11-16-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, patterns, percentages, points, levels, money, currency for online games, addition/subtraction, multiplication/division, height, force).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height and force with martial arts).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued savings for horse expenses).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion on nutrition, movement, sleep and selfcare.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, shared playlists, music accompanying online videos/games).

11-17-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, online recipes).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; discussing aloud their steps in making ginger cookies).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, tablespoons, teaspoons, cups, percentages, prices, tax, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; researched, chose online recipe and baked ginger cookies on own). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued savings for horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, shopping, baking) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., baking ginger cookies) and other practical situations (i.e., ingredients needed).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to experiment with baking. Student conducted online research to find a desired ginger cookie recipe. Student then requested to go to the grocery store to purchase needed ingredients. Guide and student agreed to go after guide's evening yoga class. Younger students requested to join trip to grocery store. Younger students found fruits, food items and snacks they would like to try. Oldest student sought out ingredients in store and assisted in checking out/payment. Group returned home and student gathered, measured, mixed and

baked ingredients. Students taste tested finished cookies. Student offered guide a summary of each student's rating of ginger cookies. Student reported there were several things they would modify in next recipe and would also make homemade icing to top future cookies off.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to local grocery store.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Review of baking fire safety and placement of extinguishers, hand held extinguishers, and fire blanket.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., increased movement with outing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlists and random Apple selections, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed their current violin pieces for guide.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

11-18-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student requested to go to a local bookstore to add to their Manga collection and choose any additional books they would like within the preset budget.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with local bookstore staff and patrons as well as fellow boarders at the horse boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; noted story themes and arcs in favorite Manga series).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, cost of books, tax, distance, schedule, calendar).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given same day bookstore trip, barn time, Target trip and community appointment; # of books that can be purchased given parameters/budget set).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use measurement in practical situations (i.e., length of horse's mane and tail).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student traveled to local bookstore to explore additional books in series student likes and any new, unknown books student may find interesting. Discussed upcoming holiday as option for purchasing the large box sets student was interested in.
- Younger students and guide traveled to Target to explore and spend youngest student's birthday gift card. Youngest student asked to give money to both older students and also chose a slime for each person. Group used slimes for stress relief, to make noise, to smell, as a tactile experience, and to view what color(s) it could make.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Guide shared information with the group about the prevalence of centenarians in Puerto Rico and a lifestyle concept there reportedly involving less stress as heard on the IFit Tommy Rivs Puerto Rico running tour. Youngest student had listened and viewed parts of one of these tours that showed reptiles, rain forest and birds.
- Student used maps and other resources to navigate local roads to travel to a local bookstore and the horse boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Guide considered purchasing a graphic history book, "Show Me History! Muhammad Ali," as well as other books in this series that were available in the local bookstore.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed what a centenarian is and a "Blue Zone" or large group of individuals 100 years old or older. Guide brought up Puerto Rico as an example and one of the students offered Japan as another.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming, riding and hand grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (guide's playlist and random Apple playlist in car, music accompanying online videos/games).

11-19-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with violin instructor and staff or shoppers at BJ's store).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results.

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, addition/subtraction, multiplication/division, angles, patterns, tempo, pitch, metronome, tuning tool).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; self-checkout at BJ's store). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; notes, beats, patterns, pitch in music; money, prices, tax, total cost).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., how much of the bow is in contact with the strings, location and height of fingers on violin strings).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and their dad chose to go to newly opened BJ's store near home. They explored the foods available and chose different items for the rest of the group to try. Student's dad demonstrated how to use the self-checkout and student finished scanning the items. Student used their dad's card to pay.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to a music studio and BJ's store.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care and grooming).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, dad's playlist, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student and their violin instructor played solos and duets together. Student and instructor ended the lesson with a duet in waiting room for parent.
- Student continued to have the opportunity to pursue their own musical interests with private violin lessons.

ART

- Student created art through music.

ENRICHMENT

- Students' dad and oldest student cleaned, measured and took apart oldest student's former loft bed. Students' dad and guide will check in with extended family and friends to see if anyone would like the loft bed.

11-20-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, percentages, levels, points, resources, pounds, ounces, addition/subtraction, multiplication/division, money, online currencies per each game).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; using scale to measure out horse feed). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, pounds/ounces of horse feed for student's horse if fed 3 times a day).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., online videos, games) as well as age appropriate math related media (i.e., Ipad and PC games/apps; scale).
- Student continued to use measurement in practical situations (i.e., horse's feed).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with getting to know and bond with their first horse, Rikki. Other experienced boarders shared information with student such as observable symptoms when mares are in heat or parts of horse anatomy to look to for signs of certain ailments (i.e., a crested neck may indicate the need for a blood test to rule out Cushing's disease). The first half the day, guide traveled individually to the barn and placed student's horse in a paddock to get some exercise while grazing their own horse. In the evening student returned with guide to brush and feed their horses.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Reviewed oven safety particularly since oven door must remain ajar during youngest student's baking.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition, movement, sleep and selfcare.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., new music accompanying online videos/games, existing playlists).

ENRICHMENT

- Students continued to work with their dad on a "gaming room" project. Students' dad had previously met with students individually and as a group to discuss chair choices and other room accessories. Online research was conducted to find students' chair choices within budget set by their dad. Students' dad and students worked on clearing out what remained in the future gaming room. Over holiday break students and their dad plan to work on cleaning, spackling, and painting the room as well as applying soundproofing to a joint game room/master bedroom wall. Students' dad will order the chosen furniture and curtains.

11-21-22 to 11-27-22

Holiday Break

11-28-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; equine dentistry and chiropractor work). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, money, length of equine teeth, locations on horse based on spacing of anatomy to massage per the chiropractor).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., horse anatomy, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., locating the spot between the horse's hip, spine and last rib).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide continued to discuss student's first horse, Rikki's, experiences with a horse chiropractor on November 25th and an equine natural dentist on November 27th together and as a group with younger students. The chiropractor provided a thorough explanation of the horse's skeletal and muscular systems as he demonstrated what methods he as a professional uses and what student could do in between sessions. The equine natural

dentist provided guide with an update estimated age for their horse (i.e., closer to 22 than the 16 years told at time of ownership) and diagnosed student's horse with significant TMJ on their right jaw side. The natural dentist provided images of a horse skull to explain the anatomical workings of a horse's jaw and use to point out what/where he was working with student's horse.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Discussed the travels and work the equine natural dentist had described (i.e., California and common equine dentistry methods), the East Coast, and day long seminars with well-known horseman and author, Mark Rashid).
- Student used maps and other resources to navigate local roads to travel to community appointment and the horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.
- Group discussed TMJ, what it is, what the letters stand for (i.e., Temporomandibular joint), and treatment options.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's first of two martial arts classes for this week that focus on both martial arts and self-defense was canceled due to holiday break. Student chose to ride their horse during the holiday break.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., guide's playlist during car travel, student's existing playlists, new music accompanying online videos/games).

ART

- Student continued to create original digital drawings in their Procreate app.

ENRICHMENT

- Student chose their gaming chair. Younger students gaming chairs had been ordered over holiday break. Students' gaming room continued to be painted and items purchased.
- Guide purchased tickets for group and students' dad to participate in Fun Fore All Holiday Lights Mini Golf 2022 at Fun Fore All Family Fun Park in Cranberry Township. Family has not yet traveled to this particular area and has not explored this Fun Park.

11-29-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with both the education saddle fitting individual and the farrier).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; described significant story elements in favorite Anime series, both hardcopy and televised series).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, angles, force, money, tipping, tax addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; tacking up with a double tie D-ring and cinch). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, learning a new tying system for a saddle with a double D-ring cinch).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., new saddle) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., new saddle and tack fitting, horse hoof size).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide attended an educational saddle fitting with an owner of Shady Acres Saddlery store at the horse boarding barn. Owner brought a number of saddles student and guide had chosen to measure and try on student's and guide's horses. Each piece of tack was

explained, how to measure best fit was explained, tack pieces were tried out on the horses, and an explanation offered as to what owner was observing as far as fit. Owner permitted guide to video him prepping and putting on the student's saddle choices as one of the saddles had a different type of cinch rings than student or guide had previously seen or used. Student was able to take multiple trial rides with the saddles then choose which one they would like for a 7 day trial before committing to purchase. Student chose their favorite saddle and saddle pad. Guide will continue to search for a saddle for their horse.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., guide's playlist, student's playlists).

11-30-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, measuring, addition/subtraction, multiplication/division, percentages, heights, distance, force).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of martial arts kicks and force of strikes).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., martial arts) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., martial arts).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with the black belt program at their martial arts studio.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed

common local traditions or ways to celebrate the upcoming winter holiday in December. Guide described what and when extended family celebrated as well as individuals in the community that they were aware of. Students discussed several holidays that fall within the same timeframe of December as well as those remembered from their Global Citizens holiday subscription box in the past (i.e., the Catalan log that poops candy for Christmas in Spain).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student continued to learn about conditioning, stamina, force and estimating height for their martial arts studies.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's dad's playlist in car travel, student's playlists).

ENRICHMENT

- Students and guide discussed next day beginning of countdown calendars to count down the days of December until December 25th. Group also discussed oldest student's and guide's upcoming birthdays in December as well as guide's deceased dad's on December 3rd.

12-1-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with swimmers at the pool and with boarders at the horse boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, perspective, percentages, money, currencies in online games, addition/subtraction, multiplication/division, knots, angles, location of tack).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; horseback riding and care). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculated timing of pool with enough time left in evening to care for horses and ride altogether).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., horse care and riding) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., following online recipe) and other practical situations (i.e., to fit tack to horse).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students chose to experiment with their swimming skills given time had passed since their previous time all together at the pool. Students found they felt stronger in their freestyle strokes, youngest could swim underwater longer, and they each reported observing increased ease of movement in the whirlpool. Students each jumped in at deeper measured depths in the indoor pool with ease.

- Guide described what they first thought was a shooting star observed in the night sky on their way home from Oakdale, PA yoga studio. The object moved very quickly, appeared closer than a star, and had what seemed to be a green tail following it. Guide described this to the group.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed what guide thought was a meteor (i.e., a bright flash in the sky, traveling quickly, with what looked like a green tail behind it) in the night sky while driving to the indoor pool from their evening yoga class.
- Student used maps and other resources to navigate roads to travel to USC Rec Center indoor pool and horse boarding barn.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including safety while around and on a horse.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and riding, swimming).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).

ENRICHMENT

- Student and guide's same day hair appointment was canceled by hair stylist. Group was going to travel to a paint own pottery location to create a tombstone for middle student's large goldfish, Pebbles. Middle student let guide know they are not yet ready to begin the activities previously discussed to acknowledge fish's death and the connection lost (i.e., create a tombstone, prepare a burial area and have a celebration of the fish's life). Instead the group chose to go to the pool with their dad. Guide picked them up after evening yoga class.
- Group continued on together to the horse boarding barn to groom and care for their horses. Younger students learned how to offer and feed horses treats; each horse's preferred grooming and petting spots; and how oldest student's horse likes to move around the indoor arena. Oldest student reviewed safety with younger students around being in close proximity to horses on the ground, offering treats, and when riding. Oldest student chose to tack up

their horse, briefly lead younger students on the horse, and, lastly, ride their horse in the indoor arena.

- Students began their Countdown Calendars to December 25th. Younger students chose to begin with door 1 of 25 to reflect the days of the month while oldest student chose to countdown from 24 to 1 to inform student of days remaining until the 25th. Group discussed these different and interesting approaches to the same activity.

12-2-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with boarders at horse boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, angles, position, online currencies, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; notes, beats, patterns, pitch, bow angle, percentage of bow on strings, finger positions in music)
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., violin practice).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide conducted online research finding multiple online articles describing the object guide had viewed the previous evening as a meteor. Group discussed the meteor sighting as well as the difference between a meteor and meteorite (i.e., a meteor enters Earth's atmosphere and does not touch down on the Earth whereas a meteorite does not burn up upon entry and ends up on the Earth).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to horse boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group continued to discuss meteors and meteorites including scientists findings on a meteorite that's collision with Earth ended dinosaurs existence.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group continued to discuss the concept of asking for donations to a chosen organization rather than gifts for birthdays.
- Student continued to gain a basic understanding of local, state, and federal government. Group discussed the NASA space program, the moon landing, and the federal government as well as moon rocks brought back to Earth.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including horseback riding.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed tattoos, dermatology, layers of the skin, and tattoo healing. Guide described a Saniderm bandage that originally was invented and used for burn patients and is now used in tattoo healing.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grazing, and riding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., existing playlists, new music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to use a variety of media to make creations of their own choosing.

ENRICHMENT

- Students continued the 2nd day of Countdown Calendars. Group noted that inside the

windows of the calendar a poem or story was printed that could be read a little each day. Students read aloud and guide noticed it was “The Night Before Christmas” poem or story.

12-3-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with violin instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, levels, online currencies, angles, proportions, finger positions, addition/subtraction, multiplication/division, sound, violin, building a gaming chair, holiday decorating).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; building a gaming chair). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes, beats, patterns, pitch, bow angles, finger positions in music; constructing gaming chair following step by step instructions and using included tools/hardware).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson, building gaming chair, holiday decorating) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., violin lesson, constructing gaming chair, measuring tree height versus ceiling height).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student's gaming chair arrived same day. Student chose to unpackage the contents, read through the instructions, and put together their chair.
- Guide continued to do online research for learning experiences including Magnetic Magic

classes, Newton Launchers class, Dazzling Nights at the Pittsburgh Botanical Garden; Track, Scat & Homes: Finding Signs of Wildlife in Winter; the iNaturalist app to report nature findings; Citizen Science & You: Using iNaturalist at the Botanical Garden; Shen Yun Live Performance of dance and singing; and Stuff A Dugout Holiday Fundraiser collecting new gifts for those in need in our community. Group discussed their interest levels in participation in any or all of these events.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to music studio.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed history of Christmas trees and Christmas tree lights in PA and the U.S. as fire hazards as well as today's LED lights that do not produce heat.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Group discussed history of Christmas trees and Christmas tree lights as fire hazards as well as today's LED lights that do not produce heat.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., Christmas decorating).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists in car, student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student and violin instructor performed individually and as a duet in violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with private weekly violin lesson.

ART

- Student created art through music.

ENRICHMENT

- Group celebrated the birthday of guide's deceased dad/student's maternal grandfather who would have been 80 years old on December 3, 2022. Group discussed things guide's dad's life.
- Students continued with their Countdown Calendars. Group also began holiday decorating. Group discussed living tree family had chosen and its height versus the height of the ceiling. Group offered their thoughts on whether the tree would need to be trimmed prior to placement and found it did not. Group assisted in outside decorations on porch discussing the

temperature today and this time of year in general. Group also researched sunset at current time of year and set light timers accordingly to turn on at sunset and off at sunrise. Group also conducted a democratic vote on whether or not to add lights alone to the family tree versus lights and ornaments. The group then voted on what the light color(s) would be. Group agreed to change the light color every 24 hours with students' dad's light app.

12-4-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, online recipe).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with other horse boarders at boarding barn).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, patterns, levels, points, geometric shapes, addition/subtraction, multiplication/division, computer engineering).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; computer engineering). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, Countdown Calendar, outdoor temperature and appropriate apparel).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Countdown Calendar, painting) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., rice crispy treats for family) and in other practical situations (i.e., wall painting, horse anatomy, guide's aquarium size).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide had set up a 37 gallon aquarium and allowed it to begin to cycle. Guide purchased fish for the aquarium after waiting the appropriate timeframe. Students observed the x-large, black telescope goldfish guide acclimated to tank.
- Students' dad reviewed ways to paint a large wall with a paint roller and brush. Students all assisted in painting the gaming room walls. Ladder safety was also reviewed and discussed.

- Group discussed same day outdoor temperature to determine apparel for day. First youngest student and guide traveled to local Agway for student's first time to explore, purchase pet treats and pick up pre-ordered items. Then guide and students' dad traveled to local pet store specializing in aquariums and freshwater/tropical fish for one XL fancy goldfish. Lastly, guide and oldest student traveled to horse boarding barn to connect and care for their horses. Guide and oldest student documented the horses interacting in the outdoor arena without leads on.
- Group members viewed the book their dad bought (i.e., *Computer Engineering For Babies*).
- Student chose to research rice crispy treats online, found a recipe, gathered ingredients, melted marshmallows, combined remaining ingredients, and poured ingredients into pan to cool. Student shared rice crispy treats with the rest of the family.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed options for holiday dinner and treats including the bakery Batter and Dough's Joy To The World cookie box containing 73 cookies with recipes from 16 different countries such as Greece's Baklava, South Africa's Hertzoggies, Japan's Black Sesame Cookies, and the Ukraine's Sochniki amongst others.
- Student used maps and other resources to navigate local roads to travel to horse boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Group discussed Congress voting against rail workers ability to receive 7 paid days off a year and their freedom to strike for better working conditions. According to the so.informed Instagram account this occurred at the direction of President Biden.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including ladder safety.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care/grooming, painting walls).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).

ENRICHMENT

- Students continued Countdown Calendars.

12-5-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; martial arts belt test written materials and date).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with martial arts instructor and fellow participants as well as Michael's Craft store staff and shoppers).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, perspectives, percentages, angles, heights of kicks, force of strikes, distance with sparring partner, addition/subtraction, multiplication/division, money, tax).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; shopping for craft supplies within set budget; height of martial arts kicks, force of strikes, distance with sparring partner).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., schedule, martial arts, Countdown Calendar) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., appropriate crafting supplies for estimated length of walls in bedroom, kick height, sparring distance).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. After a community appointment, student requested to travel to local craft store to explore and choose items for baking and artwork. Student looked throughout store choosing items within budget and prioritizing what they would like to take home today versus what would be a future supply. Student chose a new sketchbook to continue practicing their artwork and drawings; baking supplies to create their own gummy candy and decorate other baked goods;

a gem art piece and bedroom decorations.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to community appointment, local craft store, and martial arts studio.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student and guide continued to discuss the organization(s) student would like to request donations to for their upcoming birthday.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student offered observations of self as they continue their twice a week martial arts classes.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, guide and dad's playlists in car, music accompanying online video/games, music playing in craft store).

ENRICHMENT

- Middle student suggested family participate in a Secret Santa activity. Guide and middle student brainstormed options. Student later reiterated idea of Secret Santa concept with other students. In student's version an individual would have the opportunity to choose 2 random names from container (replacing if own) and use a 5 item list to purchase a holiday gift for their 2 family members as their Secret Santa. Group members agreed to create a list of 5 potential gift selections and give them to guide.
- Guide discussed option of miniature golf activity (i.e., Fun For All's Walk Thru Light Display/Mini Golf activity to take place daily from November 25th thru January 1st, 6-9 p.m.). Students each expressed an interest in participating.
- Students continued Countdown Calendars.
- Martial arts instructor informed class of upcoming martial arts belt test date/time (i.e., Saturday, December 17th @ 2:15 p.m.). Instructor also permitted individuals at class to take pictures of his test hard copy (i.e., kicking combo focuses, Krav Maga self-defense, kickboxing combo's). The belt test would also cover other aspects of weekly classes. Guide will follow up with student's violin instructor to reschedule student's weekly Saturday violin

lesson for the 17th.

12-6-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with equine veterinarian).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, patterns, percentages, levels, points, online currency, addition/subtraction, multiplication/division, payment for equine vet, gummy candy recipe, building ginger bread houses,).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; making own gummy candy, building ginger bread house). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, online games, gummy candy recipe, building ginger bread house).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., gummy candy recipe, ginger bread house, Countdown Calendar) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., gummy candy) and other practical situations (i.e., ginger bread house).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide and student attended same day equine veterinarian appointment for all over well check for student's new horse. Student and their horse were introduced to equine vet, Dr. Aly, who discussed what she was checking and the reasons why. Student's horse was given clean bill of health.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group conducted online research to determine what makes a house a chalet. The research results discussed a Swiss chalet commonly found in the Alpine region of Europe.
- Student used maps and other resources to navigate roads to travel to horse boarding barn.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, particularly with the use of a cooktop.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion of nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care and grooming).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Google Home holiday playlists, music accompanying online videos/games).

ART

- Student created art with their ginger bread house, icing, sprinkles and candy.

ENRICHMENT

- Students continued Countdown Calendars.
- Group continued holiday decorating including with gingerbread houses to create a gingerbread town.
- Oldest student created their own gummy candy and shared it with the family.

12-7-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with hair salon staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, perspective, addition/subtraction, multiplication/division, distance, speed, chemistry in hair dye).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; chemistry in hair dye). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; distance, speed and arrival time for hair appointment and to return home).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., percentages and fractions in hair dye) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., made own meal) and other practical situations (i.e., length of hair to cut to create desired style).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to hair salon where student showed stylist the results of their online research for cut/color. Stylist described own experience as a homeschooled student as well as the chemistry that is used in hair dye formulas particularly the one created for student. Stylist described the use of toner and hair products to reach results student desired.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Guide and student discussed Cultural District which hair salon is in as well as previous experiences at live performances in the area (i.e., Pittsburgh ballet, children's theater productions).
- Student used maps and other resources to navigate local roads to travel to hair salon and martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists on car ride to salon, dad's playlists during car travel to martial arts, hair salon playlists, student's playlists, music accompanying online videos/games).
- Student asked hair stylist for the title of 2 songs that played during time at salon. Stylist found out names of songs for student.

ENRICHMENT

- Students continued Countdown Calendars.
- Guide reiterated options for creating Secret Santa lists (i.e., handwritten, typed, links, images, etc.) to group. Group reiterated their interest in participating.

12-8-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; reading violin music and practicing pieces; playing Genshin Impact as part of a team).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; explained story line of current favorite online game, Genshin Impact, that changed with recent update).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, points, levels, maps, coordinates, addition/subtraction, multiplication/division; notes, tempo, pitch, bow angle, violin position, finger positions).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; notes/beats/patterns in music, pitch; money, savings amount versus items desired).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued savings towards horse expenses).
- Student calculated money earned, current savings, and the amount they would like to spend on current update of Genshin Impact in order to attempt to receive desired resources and character.
- Student continued to use mathematical concepts in free play (i.e., violin practice, Countdown Calendar) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student began conducting online research to find Secret Santa gift options including

handmade Genshin Impact stickers on Etsy.com. Student took a screenshot of the stickers and used their Procreate app to circle the stickers they would like.

- Group discussed the family's 2nd youngest cat, Rose's, recent grooming that required a total body shave. Group discussed what the groomer had said about cat skin in general (i.e., like paper) and the difficulty in shaving cats. Group noticed Rose could be most often found in front of the fireplace, in someone's lap or on top of a heater vent. Group discussed outdoor temperature and options to increase cat's comfort.
- Group discussed the 190 year old Seychelles tortoise, Jonathan, who resides on the remote island of St. Helena in the South Atlantic. According to The Dodo's online article, Jonathan was brought to St. Helena in 1880 and is now known as the "oldest known animal in the world." Jonathan was born before the invention of the telephone or cars.
- Student stated they had viewed an online video about holiday traditions that included people drinking egg nog. Group conducted online research to discover what the ingredients were for egg nog. Guide described cartons of egg nog available during holiday time in the grocery store. Student wasn't sure if they would rather make their own or purchase a carton to try. Younger students offered their thoughts on trying egg nog.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed the Ukraine and Russia.
- Group discussed 190 year old Seychelles tortoise, Jonathan, on the remote island of St. Helena in the South Atlantic (i.e., based on The Dodo online article).
- Student demonstrated reading and navigating the online Genshin Impact map.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed online news article naming the Ukraine's president, Volodymyr Zelensky, as Time's 2022 Person of the Year.
- Group discussed 190 year old Seychelles tortoise, Jonathan, who resides on the remote island of St. Helena in the South Atlantic. According to The Dodo's online article, Jonathan was brought to St. Helena in 1880 and is now known as the "oldest known animal in the world." Jonathan was born before the invention of the telephone or cars.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group continued to discuss the Ukraine and Russian war; the U.S. federal government's response; and Volodymyr Zelensky's role as president of the Ukraine.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online Genshin Impact game).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

ENRICHMENT

- Student calculated their money earned, their savings, and the money they would like to spend on the current update of the online game, Genshin Impact. Student verbalized reasons for money spent on updated game including to attempt to receive desired resources and character. Student explained to guide how they have been working as a team with other players to progress through the complex story line with current update. The goal or mission in the current update is to assist in renaming a character currently referred to as Scaramouche to the Greek name, Atlas. Student informed guide the update chose the new name because the character is created by a god in the game.
- Student agreed to prepare their gift suggestions for Secret Santa activity the family will be participating in.
- Students continued Countdown Calendars.
- Guide discussed option of attending Parkour class same day from 12-2 or 2-4 p.m. Oldest student and youngest student reported they weren't interested in traveling to the Parkour gym which was a 50-60 minute drive. Middle student reported no interest in Parkour anymore.

12-9-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, sheet music, violin music book).
- Students continued opening numbered window on daily Countdown to Holiday Calendar for calendar day that has part of Holiday poem written inside.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, tempo, musical timing, notes, angles of bow, money, budget for room décor, online currencies).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, notes/beats/patterns in music, pitch).
- Students continued with daily window openings on Countdown Calendars to Holiday.
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, calculated savings).
- Student continued to use mathematical concepts in free play (i.e., violin practice, sketching room layout) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued online research into options for their bedroom space. Student found images with aspects they liked for their own room, searched for similar products, and sketched out layouts for room.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco,

alcohol and drugs, and the advantages of good nutrition and other health practices.

- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, music accompanying online games/videos).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

ENRICHMENT

- Students continued Countdown Calendars.

12-10-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, signs/written documentation at Kathy's Music, sheet music, violin music book, road signs).
- Students continued opening numbered window on daily Countdown to Holiday Calendar for calendar day that has part of Holiday poem written inside.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; listening to live music performed by violin instructor and self; conversations with instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, tempo, musical timing, notes, angles of bow, mph, distance).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, distance).
- Students continued with daily window openings on Countdown Calendars to Holiday.
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, calculating savings vs spending in head).
- Student continued to use mathematical concepts in free play (i.e., violin lesson) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with violin instrument. Instructor offered additional methods of playing violin (i.e., movements with bow, reading the music for violin, position of hands on bow and on strings, new pieces). Student continued to conduct check ins with themselves to determine their enjoyment and desire to continue. Student reported they love playing the violin.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to music studio. Student and their dad began Saturday tradition of getting a car wash on the return drive home. Student and dad chose to purchase a subscription to the car wash on monthly basis.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, music accompanying online games/videos).
- Student continued to attend or perform in live performances. Student and violin instructor performed live pieces both as solo and duet performances during violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with private violin lessons.

ART

- Student created art through music.

ENRICHMENT

- Students continued Countdown Calendars.

12-11-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, points, levels, coordinates, maps, addition/subtraction, multiplication/division, money, online currencies).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, unpackaging and assembly of gaming room desks).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Countdown Calendars; desk assembly) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students worked together to unpackage, assemble and place gaming room desks in the new gaming room. Students waited for final items on order for the new gaming room including drapery, sound proofing tiles for wall, and bean bags.
- Guide and student traveled to horse boarding barn to care for and groom horses. Guide and student check their horse's hooves while cleaning and picking them. Guide noticed a piece of missing hoof and a crack in their horse's left front hoof. Guide and student problem-solved options and guide took a picture of hoof to send to the farrier for advisement. Guide shared concerns with other students.

GEOGRAPHY

- Student continued to use maps and other resources to navigate roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., unpackaging, carrying and assembling gaming room desks; horse care and grooming).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).

ENRICHMENT

- Students continued Countdown Calendars and Countdown Blocks.
- Students continued to work together with their dad to assemble new gaming room.

12-12-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with individuals at community appointment).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, points, levels, coordinates, maps, addition/subtraction, multiplication/division, distance, mph, GPS, patterns).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of kicks, force of strikes, distance with sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., made own meal) and other practical situations (i.e., height of kicks, distance for sparring).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued their work with martial arts classes. Student was introduced to the pattern, movement, rhythm, and speed of martial arts sticks (i.e., each participant holds a 3 foot stick; begins movement both upwards and downwards in figure 8's and loops; sticks both pass their partner's and also tap their partner's stick depending on the timing and pattern).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to a community appointment and to martial arts studio.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the use of tools and weapons in martial arts class.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student noted any soreness and/or bruising on their legs, arms or abdomen following martial arts class. Group discussed common bruising timelines on human skin.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's and student's dad's playlists in car travel, music accompanying online games/videos).

ART

- Student continued to use their Procreate app to create original digital drawings.

ENRICHMENT

- Students continued Countdown Calendar and Countdown Blocks.
- Student and guide continued to discuss student's upcoming birthday celebrations.

12-13-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with Equine Masterson Method Bodywork Professional and other horse boarding barn staff/boarders).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; described story elements in existing compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, points, levels, money, online currencies, measuring, addition/subtraction, multiplication/division, distance, mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Masterson Method Equine Bodywork). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, Masterson Method for horse).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Countdown Calendar, horse bodywork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., locations for bodywork student could provide between appointments).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn for student's horse's first appointment with a Masterson Method practitioner. Guide attempted to explain what the Masterson Method entails for horses. The practitioner walked student through what horse anatomy she

was working with, what methods she was providing, and how to tell what the horse was experiencing during the bodywork. Practitioner went over what student could do until their next appointment in the spring.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student, guide and Masterson Method practitioner discussed student's horse's history and living arrangements (i.e., Texas, Ohio, and now PA).
- Student used maps and other resources to navigate roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, music accompanying online videos/games).

ENRICHMENT

- Students continued Countdown Calendars and Blocks.

12-14-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with martial arts instructor and other students).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, patterns, points, levels, coordinates, money, online currency, addition/subtraction, multiplication/division; Fahrenheit and Celsius).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; aquarium temperatures, chemistry of the water). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, height of martial arts kicks, percentage force of strikes, distance in sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Countdown Calendars, online research, temperature for aquariums) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group conducted online research to answer the question “what temperature is a fancy goldfish most comfortable living at?” Group found out it is “68 to 74” degrees for fancy goldfish. The results also mentioned a preferred pH of 7.0 to 8.4. With these results guide researched tank heaters online and purchased one for their tank and one for middle student’s tank. Guide also purchased pH and ammonia level hanging tag that suction to the inside of the tank below the water line and offer an ongoing reading on these levels (i.e., color changes on a middle circle indicates need to address water chemistry concerns).

- Group researched current and upcoming weather forecast for their area. Group found that same day and immediate future's outdoor temperature would require family's younger, short haired dog to wear one of his new jackets when going out. Group found it fit perfectly.
- Student conducted online research for their 5 Secret Santa gift ideas (i.e., beanie with crocheted flowers).
- Student and guide discussed a Teen Job Shadowing Program with the National Aviary set to take place on Saturdays from January 14th to February 4th for individuals ages 14-18. Student expressed an interest in participating. Guide will follow up with registration and with rescheduling student's weekly violin lessons for those 4 Saturdays.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed the location of the National Aviary in their community (i.e., in town).
- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed known jobs where an individual apprentices or interns with a more experienced individual(s) already in the position the apprentice would like one day (i.e., tattoo artist, social worker, medical positions, etc.). Group discussed historically in jobs where this was the case (i.e., farrier, brick layer, most trades people, etc.). Students recalled some of the information shared at Meadow Croft Village including talk of the importance of a blacksmith who created metal tools, horse shoes, pots and other items with his apprentices.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.
- Student also participated in horse care and grooming.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist in car, music accompanying online games/videos).

ENRICHMENT

- Students continued Countdown Calendar and Blocks.

12-16-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, live performance written materials).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; interactions with middle student's cello instructor, other Kathy's Music instructors/staff, host location staff, volunteers selling Cello Fury merchandise, other audience members).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, patterns, tempo, distance, mph, GPS, money, online currency unique to each game/app, addition/subtraction, multiplication/division, music, price of merchandise, length of performance).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., determining time to get ready, time/distance to get to performance location, time to get to seats, cost of merchandise, size of beanie appropriate for middle student).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Countdown Calendar, live music performance, wall decor) as well as age appropriate math related media (i.e., PC and Ipad apps/games).
- Student continued to use measurement in practical situations (i.e., size of parking spots, distance from seats to Cello Fury band members; size and wall location of metal poster plates).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to experiment with a live musical performance with middle student's cello instructor and 2 other band mates who make up the band, Cello Fury. Student, guide and middle student were in the audience for the performance. Group was able to interact with cello instructor during intermission and purchase Cello Fury merchandise.

- Group discussed guide's horse's left front hoof which broke at what had been a significant crack. Guide took a photograph of this area, showed it to students when asked, and forwarded it to the farrier for feedback on what to do next. Farrier stated they would be out to the boarding barn in the next week and would evaluate it then. Guide did not have to wrap or accommodate hoof in any way as horse was not lame or limping.
- Student conducted online research for bedroom décor and found displat.com who sells removable metal wall poster plates of varying sizes. Student found an anime sunflower scene that could be made up of 4 metal plates in the XL size or 35.4" X 25.2" with a matte finish. Guide purchased this wall hanging for student's upcoming birthday.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed the areas driven through on the way to the live performance by Cello Fury. Group discussed the Nationality Rooms in the University of Pittsburgh's Cathedral of Learning and their holiday tour.
- Student continued to use maps and other resources to navigate local roads to travel to a Cello Fury live performance.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group briefly discussed the establishment of the University of Pittsburgh in 1787, the size of its campus in past and currently, as well as the option to tour the 31Nationality Rooms held within the Cathedral of Learning building.
- Students were exposed to both modern and historic cello pieces as well as U.S. born and international composers of these pieces.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued ongoing discussion on nutrition, movement, sleep, self-care and expression of strong emotion.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walk to live performance, active play).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlist, holiday music streamed in car on way to performance, music accompanying online games/videos, Cello Fury music in the car on return trip).
- Student continued to attend or perform in live performances. Student attended live Cello Fury performance. The performance included the 3 cello players along with special invited guests

(i.e., a vocalist for this evening, a drummer for the next night).

- Students were exposed to both modern and historic cello pieces as well as U.S. born and international composers of these pieces.

ART

- Student experienced the art of musical performance at the Cello Fury live concert. The concert consisted of original songs written and performed by Cello Fury as well as current and historical holiday pieces.
- Student continued to search for artwork for their current bedroom décor.

ENRICHMENT

- Students continued their Countdown Calendars and Blocks.
- Students attended a live musical performance to view Cello Fury, a 3 member band including middle student's cello instructor, with musical guests. Youngest student chose to travel with group and students' dad to live performance location then remain in the car with their dad for performance.

12-17-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with martial arts instructor and classmates).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, patterns, percentages, perspective, measuring, heights, force, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; martial arts belt test for yellow belt to transition to orange). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, martial arts kick heights; combinations/patterns for kicking/strikes and martial arts sticks; sparring distance and percentage force).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., candy making) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., candy making) and other practical situations (i.e., kick height, sparring distance).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and youngest student worked together to melt sugar and ingredients to create shaped candies.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, particularly with cooktop.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion on options for calming nervousness.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in their martial arts belt test for December with a focus on both martial arts (i.e., kicks, strikes, and combo's of each) and self-defense (i.e., Krav Maga type self-defense). Student advanced from an orange to a purple belt.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist in car travel, music accompanying online games/videos).
- Student continued to have the opportunity to pursue their own musical interests with weekly private violin lessons. Guide canceled student's same day violin lesson due to martial arts belt test timing. Due to music studio's holiday break, violin instructor and guide could not reschedule this lesson.

ART

- Student and youngest student attempted to melt sugar and create their own shaped candies.

ENRICHMENT

- Students continued Countdown Calendar and Blocks.

12-18-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, patterns, money, online currencies, coordinates, maps, addition/subtraction, multiplication/division).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving toward horse expenses).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students continued to assist their dad in setting up gaming room with soundproof tiles, PC, speakers, charging stations and furniture.
- Student and guide continued to care for, groom and graze their horses.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, particularly when dealing with electricity and outlets.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., gaming room set up; horse care and grooming).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists).

12-19-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, International Yum subscription box materials: Holiday Treats From Around The World version).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with martial arts instructor and classmates).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, addition/subtraction, height, distance, money, online currencies, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of kicks, force of strikes, distance in sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Yum subscription box) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students received and opened their International Yum subscription box with holiday treats/snacks from around the world. Students experimented with the treats and snacks as they read the written materials descriptions. Students divided the foods evenly for each student.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Students discussed the international locations represented in their monthly Yum subscription box.

- Student used maps and other resources to navigate roads to travel to a community appointment and the martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed a Michael Tonge quote describing the care an individual could take with what they expose themself to, what they read, what they watch, self-talk, and who the they share their energy with. Group discussed the similarities in this quote with what they had been discussing all year.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.
- Martial arts are paused following this evening's class until January 3rd for holiday break.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).

ENRICHMENT

- Students continued Countdown Calendar and Blocks.

12-20-22

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, birthday cards).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with indoor skating rink staff, patrons and snack stand staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, patterns, figures, measuring, money, online currencies, addition/subtraction, multiplication/division, ages, distance, mph, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating indoor skating rink hours and amount of time to skate).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., ice skating, horseback riding) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to figure out current skating shoe size; to correctly place and tighten horse tack).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose their birthday activity to be indoor ice skating. Students measured their feet to estimate current ice skate size. Students compared the indoor skating rink's temperature, the lobby temperature, and the current outdoor temperature. Students and guide experimented with their skating skills from holding onto the wall to fast skating from one end to the other of the rink. Students and guide discovered their skills continue to improve and noticed each of their speeds on skates as well as the number of times each person fell.
- Student also requested to go to the barn and ride their horse with the family. Students took turns riding student's horse after student groomed and tacked up their horse.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed previous trips to the indoor skating rink as well as the other nearby locations guide and students had driven in the rink area (i.e., Montessori school).
- Student used maps and other resources to navigate roads to travel to local indoor ice skating rink and horse boarding barn.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including safety while ice skating and horseback riding.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed students' dad's prior meniscus and ACL injury in October 2019 while ice skating at the same indoor rink. Group discussed the knee, the meniscus, the ACL and the treatment required for tearing both.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., ice skating, horse care, horse grooming, horseback riding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, ice rink music, music accompanying online games/videos).

ART

- Student continued to use their Procreate app to create original digital drawings.

ENRICHMENT

- Students continued Countdown Calendars and Blocks.
- Group celebrated oldest student's 14th birthday with trips to an indoor skating rink and the horse boarding barn. Student had received their first horse from guide and student's dad the month prior as their gift. Students all exchanged chosen gifts with each other to celebrate oldest student. During family's traditional birthday interview, oldest student had let guide know what special meal they would like to have, what birthday treat they would want, and what organization they would like to suggest to extended family in lieu of gifts (i.e., 2 options for horse rescue organizations). Guide had followed up and informed extended family of oldest student's choices.

12-21-22 to 1/1/23

Holiday Break

Holiday break included Secret Santa; Christmas and assembling or using gifts (i.e., electric bike, slimes, slime kits, cooking options, art supplies, PC for oldest student); international beliefs common to this time of year, current events, maps; exploring a new family fun park including miniature golf under holiday lights; trying new and familiar foods; final arrangements to the gaming room and oldest student's bedroom; an outing at Skyzone trampoline park with extended family; and other experiences.

1-2-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, menus at Eat N Park restaurant).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with Eat N Park staff and patrons).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, tax, tipping, temperature, fractions, percentages, patterns, addition/subtraction, multiplication/division, money, online currency).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; food items per meal and costs of meals at restaurant; calendar).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., eating out) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. At students request, group traveled to local restaurant to have lunch. Group noted the long timeframe from previous restaurant experiences as well as the changes in layout and menu items post-COVID closures (i.e., no more salad bar, widened spaces).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed other times they had eaten at restaurants in the community and while on vacations.
- Guide and students' dad traveled with students for their 6 month dental cleaning and check up. Guide had mixed up the dates (i.e., not 1/2/23 but 2/1/23). As a result everyone was up early and group chose to go to a restaurant at students' request.

- Student used maps and other resources to navigate roads to travel to pediatric dental office and local eatery.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Guide mistakenly thought today was the students' 6 month cleaning and dental check up appointment. In actuality it is February 1st. Group discussed making mistakes and feelings afterwards.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student did not participate in the first of two martial arts classes for week as martial arts studio was still on holiday break.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music played in restaurant, music accompanying online games/videos).
- Student's next individual violin lesson will be January 9th. Student's weekly lesson times are rescheduled to Monday from Saturday in January in order to allow student to attend an Aviary Teen Job Shadowing Program.

ENRICHMENT

- Student chose to make meatballs for themselves and other students.
- Student continued to attempt to come up with gate options to keep ferrets contained in an exercise space. Student tried several gate options and modified gate options (i.e., tape paper to gate pieces to keep the ferrets from squeezing through.

1-3-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student and guide met with equine veterinarian at the horse boarding barn for follow ups for both horses. Student interacted with equine vet and her assistant.
- Group traveled to Soergel's Farm and Trax Farm to explore plants and other items for sale. Soergel's Farm was closed to shoppers until mid-January. Group traveled on to Trax Farm. Group interacted with other shoppers and staff.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, follow story lines with both Manga series and online streaming series).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, angles, lines, patterns, percentages, addition/subtraction, multiplication/division, calendar, patterns, money, tax, credit card on file concept).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; use of a table saw). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, dimensions of ferrets, dimensions of current gates, options for modification to gates, table saw).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., table saw and ferret gate modification) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to determine size of wood pieces to modify ferret gate).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation,

observation, museum visits, group discussions, group experiences, classes and reading. Group discussed January edition of The Pollinator delivered via guide's email including "Do Insects Sleep?" and "The Loudest Bug" articles. Students described finding insects that may have been asleep given their observed location and posture (i.e., in a crack or crevice, snuggled down, antenna pulled in). Group discussed the loudest insect on Earth, or cicada. One specific species of cicada is reportedly able to reach 107 decibels as compared to a "chain saw at 110 decibels." Group recalled the cicada that was present on their last trip day in the Outer Banks, NC in September 2021. Guide had videoed the cicada's noise because it was so loud.

- Group explored what indoor plants were available at current time of year at Trax Farms. Oldest student requested to add plants to their bedroom space to increase oxygen levels, possibly increase mood, and add to the overall look. Group discussed low, medium and high light requirements for plants; plant dimensions now and at time of full growth; plant pot size requirements; and watering instructions per the plant's instruction card. Each group member reporting liking succulents and oldest student stated they would like some taller plants as well. Discussion of growing plants by way of cuttings was discussed and guide's larger plants were considered as an option.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed their travel to the Outer Banks, NC in September 2021 and 2022.
- Student used maps and other resources to navigate roads to travel to Soergel's Farm, Trax Farm and the horse boarding barn twice.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued ongoing discussion around nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., exploration of farms).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify on new PC, guide's playlists in car, music playing in stores, music accompanying online games/videos).

1-4-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Group interacted with orthodontist practice staff to discuss dental hygiene; satisfaction with bite and smile; previous history with dentists and orthodontists; family history and health history. Group members received both digital x-rays of their teeth and jaw as well as hands on evaluations of their teeth, hygiene and current bite from the orthodontist. The orthodontist then offered options for each group member. Younger students would be placed on an 8 month visit rotation until they each lost their primary teeth. Oldest student, who chose to participate in the consultation after arriving, could begin braces or Invisalign treatment immediately.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, patterns, percentages, tempo, money, online currency unique to each game/app, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; orthodontic concepts and measurements for Invisalign). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., when viewing own digital images of teeth, jaw and airway; when viewing 3D models of human teeth and skull with several different types of braces on).
- Student continued to conduct their own financial transactions to a level appropriate for their ability. Student continued ongoing use of monthly money received towards horse expenses.
- Student continued to use measurement in practical situations (i.e., teeth and jaw measurements at orthodontist; height of kicks, distance in sparring).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation,

observation, museum visits, group discussions, group experiences, classes and reading. Group attended a same day appointment to participate in an orthodontist consultation with a new orthodontist practice. During the consultation, students and guide discussed students' dental hygiene; their satisfaction with their current bite and smile; previous history with dentists and orthodontists; family history and students' health history. Group members received both digital x-rays of their teeth and jaw as well as hands on evaluations of their teeth, hygiene and current bite from the orthodontist. The orthodontist then offered options for each group member. Younger students would be placed on an 8 month visit rotation until they each lost their primary teeth. Oldest student, who chose to participate in the consultation after arriving, could begin braces or Invisalign treatment immediately. Oldest student chose to begin Invisalign and appointment was set to begin.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group traveled for the first time to a new orthodontist practice recommended by students' current pediatric dentist. Group told stories about locations along the way and near new practice.
- Student continued to use maps and other resources to navigate local roads to travel to KSG orthodontics.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group members were shown 3D models of human teeth and a human skeleton as visual aids in explaining braces, teeth, bites, over or underbites, and color (i.e., any color of the rainbow rubber bands) as well as material choices (i.e., metal, white composite) for brackets.
- Students were shown their digital images of their teeth, unerupted teeth, tongue, jaw, and airway as well as the accompanying measurements.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, guide's playlists in car travel, music played at orthodontist, music accompanying online games/videos).

ART

- Student continued to use their Procreate app to create original digital drawings.

1-5-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Group received their individual subscription trial boxes from Zenpop. Oldest student had chosen anime items from Japan. Middle student received a surprise Ramon box with a variety of flavors from Japan. Youngest student received a surprise stuffed animal box with characters from Japanese anime series.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages). Oldest student suggested use of translator app to read the packaging for each item in the boxes which was all written in Japanese. Students worked together to do so.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, perspective, money, online currencies for each game, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, to calculate when the Neanderthals walked the Earth).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., with Zenpop subscription box items, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students received trial subscription boxes from Zenpop with items from Japan (i.e., anime themed, stuffed animal themed, Ramon themed).
- Group discussed an online ABC News article, “Once in a generation comet visits Earth in 2023 for 1st time since Neanderthals.” The comet reportedly will become visible in mid to

late January and into February 2023. The article described how the comet may become visible to the naked eye as it gets closer to the Earth and skies offer the right conditions (i.e., darkness). If not viewed the comet will not return for tens of thousands of years. Group discussed being able to view the comet and wondering what the Neanderthals thought if they were able to see it also.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Students and guide discussed Japan, Japanese culture, Tokyo (i.e., capital and most populated city), as well as students desire to learn the Japanese language and to visit Japan.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed migraines, guide's experiences with, individuals in extended family who experience these, common reasons, and treatment options. Guide described past treatments and current options. Students discussed headaches they have each experienced and observable symptoms they noticed.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).

ART

- Student continued to use their Procreate app to create original digital drawings.

1-6-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online materials, written materials at Teen Meet Up, violin book).
- Group traveled to Home Away From Home School Rec Center so that younger students could try out Pokémon Club for 2023 and oldest student could participate in a new program, Teen Meet Up for ages 12+.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, patterns, percentages, perspective, centering a drawing, size of hanging sign, money, online currency unique to each game/app, addition/subtraction, multiplication/division, distance, mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; creating handmade painted hanging sign and using power tools to hang it). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, bow angles; measure of hanging sign, centering hand painted name on sign, and hanging sign level on a moving door).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, savings toward horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., dimensions of hanging sign and centering hand painted name on it).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation,

observation, museum visits, group discussions, group experiences, classes and reading. Younger students experimented with first Pokémon Club meeting in 2023. Students explored new area set up for club, new members who participated, and overall changes in materials and layout of HAFHS Rec Center. Youngest student observed the other participants playing Pokémon and trading cards several times then informed guide they would like to purchase their own cards but were uncertain they wanted to participate. Middle student stated they enjoyed participating until the other members had to leave. Oldest student reportedly met another student who enjoyed sketching and did so throughout the Teen Meet Up. Teen Meet Up started with an adult leader with a planned activity before organically shifting to the teens opting to play various games and talk. The Teen Meet Up will meet every other Friday. Pokémon Club is scheduled for every Friday in January.

- Group discussed guide's same day dermatologist appointment to follow up on a former site of squamous cancer cell removal with a MOHS procedure. Group discussed the MOHS procedure; squamous, basal and melanoma cell skin cancer types; and guide's dermatologist's findings (i.e., no regrowth of former squamous cell skin cancer). Group discussed sunscreen and scientific findings read in various online articles.
- Group discussed guide's current aquarium and guide's plan to add 2 more fancy goldfish with 1 every 2 weeks dependent on the tested water chemistry. Four fancy goldfish would reach the tank's capacity based on gallon size and fish size. Younger students requested to come with guide the next time guide traveled to the fish store. Younger students requested to purchase a fish each to replenish an empty family aquarium. Fish store travel planned for next day.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to use maps and other resources to navigate local roads to travel to Home Away From Homeschool Rec Center.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed guide's same day dermatologist appointment to follow up on a former site of squamous cancer cell removal with a MOHS procedure. Group discussed the MOHS procedure; squamous, basal and melanoma cell skin cancer types; and guide's dermatologist's findings (i.e., no regrowth of former squamous cell skin cancer). Group discussed sunscreen and scientific findings read in various online articles.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Youngest student and oldest student chose to exercise with guide.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music played at HAFHS Rec Center, music accompanying online videos/games).
- Student performed live for guide when practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student chose a wooden hanging sign purchased on a previous trip to a local craft store. Based on the height and width of the sign, student calculated the center of the sign and hand painted in white lettering the name of their horse.

1-7-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, perspective, percentages, geometric shapes, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calendar, geometric shapes and building with).
- Student continued to use mathematical concepts in free play (i.e., Mine Craft) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student observed the fancy goldfish younger students chose to bring home to their aquarium. Group discussed student's loach fish they had last had in the family aquarium.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion around nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student chose to remain at home to rest and observe their dad's electrical work while guide and younger students traveled to fish store.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlists in car, music accompanying online videos/games).

ENRICHMENT

- Student's dad had installed canister lighting in the students' gaming room over the recent holiday break with students assistance. Student's dad continued into master bedroom installing canister lighting in the ceiling there as well and replacing the ceiling fan with another fan sans light. Students observed their dad's work, assisted when able, and offered input as the work was completed. Students reported enjoying the brighter light option and new ceiling fan in the gaming room as well as the ability to dim the lights.

1/8/23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, fractions, patterns, percentages, levels, codes, tempo, money, online currency unique to each game/app, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Practice Challenge for violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate days to practice cello per practice challenge).
- Student continued to use mathematical concepts in free play (i.e., violin practice, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide informed oldest and middle student of Kathy's Music Studio Practice Challenge to begin Monday, January 9th and continue through Tuesday, January 31st. Instructions for the Challenge included a commitment to practice 15 times in those 25 days. Completion of this goal would result in a choice of prizes at the end. Students reported they would think about their interest in participating.
- Students also stated they were interested in continuing to experiment with both Pokémon Club and Teen Meet Up to take place this Friday, January 12th. Youngest student stated they would like to purchase additional Pokémon cards. Group discussed job options for students to earn additional funds for card purchases at the Treehouse Card Club store.
- Group discussed online photographs depicting educational images group had not seen before

such as what an igloo looks like with a fire going inside and how the layers melt and refreeze; what the Grand Canyon looks like when lit only by lightning; what unmelted snow looks like in a river in Finland; what it looks like when a cat touches a plasma ball with its paw; what it looks like when the mist around a waterfall freezes; a frozen bubble blown in 15 degrees Fahrenheit; what a pumpkin grown in a plastic mold of a human face looks like; what happens when lightening hits beach sand; what an unpicked artichoke looks like as a flower; what it looks like when it snows in the Sahara Desert; and what happens when you park in front of a fire hydrant and a fire breaks out.

- Group also discussed the Pennsylvania Farm Show currently running from January 7th through the 14th at the Farm Show Complex in Harrisburg, PA. Group was surprised to learn there are counties in PA that grow 60% of all mushrooms grown in the world (i.e., Berks and Chester Counties) per Farm Show trivia posted on their social media page. Also, there is a PA Potato Growers Association that sold their millionth baked potato at the 1952 PA Farmers Show. Guide shared the many options for learning about farming, animal husbandry, planting, and other areas at the farm show. Their online presence described being able to see calves born at the PA Farm Show, meet baby goats, one couple's inspiration to start a llama farm after attending, the fresh foods available for sale and to eat, as well as the seeds and seedlings available for purchase. Group would like to attend a future show.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. With online images and social media pages, group was able to see the Grand Canyon, Finland, the Sahara Desert and Harrisburg, PA.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed the PA Farm Show history. Pennsylvania's founder, William Penn, began gatherings of farmers in the mid-1600's. The first official statewide gathering of the PA Farm Show was in 1917.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group discussed the governor's visit and interactions with the Pennsylvania Farm Show along with local PA officials in the governor's office working to fund the original, and subsequent renovations, of the PA Farm Show Complex and Expo Center located in the state's capital, Harrisburg.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Group discussed fire prevention, fire safety equipment (i.e., smoke detectors, fire extinguishers, fire blanket), and options for leaving the home if ever there was a house fire (i.e., first floor escape route, fire safety ladder on second floor). Same day delivery of hand extinguishers to increase ease of use for students. Hand extinguishers were placed in easy to reach, fire safety equipment area in kitchen.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco,

alcohol and drugs, and the advantages of good nutrition and other health practices.

- Continued ongoing discussion of nutrition, movement, sleep and self-care. Guide described same day Restorative Yoga practice they will be attending. Group was able to offer options that also provided stress relief, rest, and recouperation.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Today was deemed a rest day for group.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide while practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Student will consider whether or not they would like to participate in a Practice Challenge through their music studio during the days of January 9th-31st.

ART

- Student created art through music.
- Student used their Procreate app to create original hand drawn digital images.

1/9/23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with violin instructor during weekly individual lesson).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for graphic novel/anima original characters, handwritten notes for violin lesson).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, measuring, fractions, percentages, perspective, notes, pitch, rhythm, bow angle, violin angle, addition/subtraction, multiplication/division, distance, speed, mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; creating own stickers with original digital art). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes/beats/patterns in music, pitch; measuring out amount of horse feed per meal and calculating # of bags needed for breakfast, lunch and dinner for week).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson, digital drawing, horse care) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., making own meals) and other practical situations (i.e., to measure out horse feed per meal, to size original stickers created, to determine weight due to limitations set for Bungee Fitness Class).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation,

observation, museum visits, group discussions, group experiences, classes and reading. Group discussed the online research guide had conducted into learning opportunities including exhibits at Phipps Conservatory, local circus schools and an online learning options with hundreds of classes known as OutSchool.com.

- Student and guide were able to travel to their horse boarding barn to care for and feed their horses following student's martial arts class.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to a community appointment, their music studio, martial arts studio, and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student noted where they experienced soreness or bruising after martial arts class. Discussed how bruises occur on human skin.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Apple playlists in car travel, music accompanying online games/videos).
- Student continued to attend or perform in live performances. Student and their violin instructor performed both individually and as a duet in student's same day private lesson.
- Student continued to have the opportunity to pursue their own musical interests with private violin lesson.

ART

- Student create art through music.
- Student created their own stickers using their Procreate app to draw original digital drawings, then print the drawing out at a chosen size, and use packing tape to laminate as well as stick the now sticker to decorate a sketchbook or iPad. Student showed guide their sticker of a black and white cat with a yellow bow and stars.
- Student then used Procreate to create a video with the cat drawing that included a small blue fish.

ENRICHMENT

- Guide continued to conduct online searches for learning experiences for students. Guide discussed Phipps Conservatory's upcoming events including the Orchid and Bonsai Show

which celebrates the rich history of these two botanical treasures; Festive Nights of Winter Lights exhibit which extends the Holiday Magic! light stroll into Friday and Saturday nights in January; and Lisa Meek's BiblioBotany exhibit of sculptures revolving around the theme of protecting land, water, and the animals that rely on both to survive.

- Guide found several OutSchool online classes including Horses: Equine Science Advanced Vet Anatomy and Biology; Jump In: A Japanese Club For Beginners; Prosocial Skills For Teens; Anime 101: Anime and Manga Drawing for Beginners; and Survival Skills and More with a Marine.
- Guide also found additional local circus schools with available class dates including silks, circus class, teen silks, the German wheel, as well as youth, teen, and adult bungee fitness classes. Younger students reported they are no longer interested in such classes. Oldest student and guide remain interested. Guide registered student and self for Bungee Fitness Class with open slots on February 19th at 2 p.m.

1-11-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, money, online currencies).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, temperature, freezing time for yogurt and strawberry creation).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork through food) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to experiment with creating beautiful food items. Student carefully sliced strawberries as decoration to be placed on their creation after freezing it. Student used hand blender to combine yogurt, milk and sugar. Student placed contents in a mold and froze overnight. After the creation reached the desired consistency, student decorated the frozen rose with a spiral of strawberries.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco,

alcohol and drugs, and the advantages of good nutrition and other health practices.

- Continued ongoing discussion of self-care, emotional regulation, and expression of strong emotions.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlist, student's dad's playlists, music accompanying online games/videos).

ART

- Student created art with food.

1-12-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, patterns, perspective, addition/subtraction, multiplication/division, online currencies).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calendar, Neanderthals timing, meteors).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed additional online news articles on the meteor that had not been viewed since Neanderthals walked the Earth. Articles explained how the meteor would not be visible to the naked eye as of yet and when individuals in Southwestern Pennsylvania would be most likely to catch a glimpse of it.
- Group continued to discuss oldest student's upcoming Job Shadowing Program with the National Aviary scheduled to begin this Saturday, January 14th, and run for 4 weeks. Discussed age restrictions placed on program and briefly summarized what program entails. Oldest student and guide realized student would need brown khaki pants and a shirt like those described in additional instructions guide received. Oldest student prepared appropriate outfit.
- Group discussed current events gathered from online articles. Group discussed Yellowstone National Park in Idaho, Montana, and Wyoming as well as its underground super volcano.

middle student described the proposed impact of a volcanic eruption from this volcano. Group discussed the locations of the U.S., Canada, and Mexico as well as ways these areas may be effected by a volcanic eruption of that magnitude. Group also found online research that expanded to describe the predicted global impact with such an eruption.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed Yellowstone National Park and its primary location of Wyoming as well as the states its 2.2 million acres stretch into, Idaho and Montana. The locations of Canada, the U.S., and Mexico were also discussed.
- Group also discussed the meteor not viewed since Neanderthal time and its visibility in Southwestern Pennsylvania.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed the time of Neanderthals as well as the formation of the super volcano under Yellowstone National Park.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed examples of road rage students' have observed as well as those reported on in current news articles. Group discussed emotional regulation and the significance of learning tools for appropriate expression of strong emotions.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).

ENRICHMENT

- Students and guide discussed Teen Meet Up and Pokémon Club scheduled for next day. Oldest student stated they would like to attend the Teen Meet Up and middle child wanted to attend the Pokémon Club. Youngest student planned to shadow their dad at his home office while the rest of the group was at HAFHS Rec Center.

1-13-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, Teen Meet Up materials).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with other teens at Teen Meet Up).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, percentages, heights, online currencies, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given meet ups at HAFHS Rec Center and horse barn, notes/beats/patterns in music, pitch).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking and other practical situations.

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Youngest student, oldest student and guide traveled to horse boarding barn to meet students' aunt who had not yet met oldest student's horse. Group checked the outdoor temperature on guide's weather app prior to leaving and dressed accordingly. Oldest student and guide were able to exercise their horses in the indoor arena while introducing aunt to student's horse. Group observed the wildlife present around the ranch (i.e., turkeys, geese, mice).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to use maps and other resources to navigate local roads to travel to the horse boarding barn.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., running with horses, horse care and grooming).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice. Student reported they were uncertain whether or not they would participate in January Practice Challenge.

ART

- Student created art through music.

ENRICHMENT

- Student accompanied guide and youngest student to their horse boarding barn to meet up with students' aunt. Oldest student had invited their aunt to meet student's horse. Students and guide were able to groom, exercise and feed both horses while at the barn.

1/14/23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, signs/written documentation at the National Aviary).
- Student began their 4 week Job Shadowing Program at the National Aviary. This week student was paired with Aviary staff who train and guide several different birds in a daily performance for Aviary guests.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; noted the story of the birds unfolded during the live bird performance at the Aviary).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, patterns, money, online currencies, Aviary menu and prices, bird identifiers, addition/subtraction, multiplication/division, distance, speed, GPS, parking fee).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Job Shadowing at National Aviary). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch; money, Aviary menu items, prices; bird identifiers such as height, wing span, feather patterns/color, flight distance/height).
- Student continued to use mathematical concepts in free play (i.e., violin practic) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., wing span, bird size, flight distance).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student began their 4 week Job Shadowing Program at the National Aviary. This week student was paired individually with Aviary staff who train and guide several different birds in a daily performance for Aviary guests. A second group was paired with Aviary kitchen

staff who are in charge of preparing and feeding the inhabitants of the Aviary. Student was informed their partner would begin the program next week. The groups would rotate job shadowing experiences (i.e., next week student would work with kitchen staff). Student learned they would also have an opportunity to shadow the veterinary staff at the Aviary and with bird trainers/educators who would also offer a behind the scenes tour of the whole Aviary. Guide had the opportunity to transport student to the Job Shadowing Program and walked through the Aviary while waiting for student to complete their first day. Student and guide shared their experiences with the rest of the group upon returning home. Younger students requested to join guide when they next transported oldest student to the program.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Guide and student discussed past trips to the National Aviary, both from when student lived in California and when student resided in Pittsburgh.
- Student used maps and other resources to navigate local roads to travel to the National Aviary in Pittsburgh.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. The National Aviary offered signs and verbal education around the histories of the Aviary's current inhabitants; their species history and original locations; and some local Pittsburgh history as well.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student continued to learn how they can impact their local environment as well as participate in conservation of the environment with practical solutions.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued to discuss calming tools when feeling nervous or worried.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., Job Shadowing Program).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlists in car, music played during Bird Performance, music accompanying online videos/games).

- Student performed live for guide during violin practice.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

ENRICHMENT

- Student began their 4 week Job Shadowing Program at the National Aviary. This week student was paired with Aviary staff who train and guide several different birds in a daily performance for Aviary guests. Student will participated in 3 more weeks of the program which will see them rotate through shadowing those who make and feed the Aviary inhabitants; the veterinary staff at the Aviary; and the trainers and educators who work both behind and in front of the Aviary scenes. Student reported they were excited to continue the program.

1-16-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, signs/written documentation at…,).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters; …).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, …).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; …). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money; savings amount versus items desired; distance, size, pounds, ounces, inches, feet, yards; tides, phases of the moon versus measured amount visible; …).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, …).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, …).
- Student continued to use measurement in cooking and other practical situations.

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Younger students experimented with increasing their daily movement by running on the treadmill. Students offered their observations of their physical and overall wellbeing afterwards. Middle student stated they would like to try to run a mile or two on the treadmill each day as they noticed it improved their mood. Oldest student compared this exercise to

their twice weekly martial arts classes stating that they also noticed an improvement with their mood after participating.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to use maps and other resources to navigate local roads to travel to music studio and martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed Martin Luther King Jr. Day.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group discussed how Martin Luther King Jr. Day is often commemorated with acts of service in the community.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Discussed endorphins released when exercising, the impact of endorphins on the human body, and the significance of movement. Guide described articles they had read on the impact of exercise on anxiety and depression.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests through an individual violin lesson. Student's dad was able to take oldest and middle student to their music lessons as he was off for Martin Luther King Jr. Day.

ART

- Student created art through music.

1-17-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; described Undertail story lines for guide and youngest student).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, patterns, angles, addition/subtraction, multiplication/division, statistics, levels, puzzles, graphs, geometric shapes).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; graphs). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; Undertail graphs, puzzles, countdowns, levels, geometric shapes).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., slime, Undertail) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to create miniature art piece that would fit in measured space of bookshelf).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of upcoming learning opportunities including a Viking: Warriors of the North Sea Exhibit coming to the Carnegie Science Center in February.
- Group discussed same day death of students' Great-Aunt Chris from several strokes and failing health. Group discussed what a stroke is, the impact they can have especially as a human ages, common treatments, and Chris's health experience. Group discussed death; students' thoughts and feelings around; and arrangements Chris's family had made upon her

death. Each group member will consider whether or not they will attend Chris's viewing and/or funeral.

- Student permitted guide and youngest student to observe them playing an online game, Undertail. Student explained the story line of the game and the characters as well as ways to advance levels and solve puzzles.
- Student showed guide the plant clippings they had taken from their vine plant for their first try at hydroponics.
- Student also showed guide an original art piece they created of a miniature "book nook or shelf" for their bookshelf. Student viewed an online video where the YouTuber created a similar piece and explained how to do so. Student followed the instructions and created their own then placed it on their bookshelf.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each. Student and guide played with the ferrets together.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed strokes, the potential impact on the human body, and treatment options.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, music accompanying online videos/games).

ART

- Student created a miniature "reading nook bench" after viewing an online tutorial. The art piece then serves as a bookend in the middle of a row of books.

ENRICHMENT

- Student continued to decorate their room with plants, original art creations, and additional items they found already in the home. Student chose to swap their desk and bed locations as well as rearrange their wall hangings.

1-18-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online reviews for Lout Crate subscription boxes).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with martial arts instructor and classmates).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, patterns, geometric shapes, money, online currencies, addition/subtraction, multiplication/division, monthly subscription rates).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of kicks, force of strikes, distance for sparring, money).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., equine farrier visit, monthly subscription rates) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., hoof size comparisons by individual horse and by breed).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research into reviews on Lout Crate monthly subscription boxes filled with anime items. Student requested guide also research this option and then discuss together. Following this research plan, guide and student found with this subscription that reviews frequently mentioned the crates did not arrive but the hopeful participants would be charged anyway. Another theme was being unable to get in touch directly with anyone, lack of any type of customer service, and an inability to cancel the subscription once initiated. Student chose not to attempt this Japanese anime subscription box. Guide researched other options and read summaries to student. Student chose to a Sakuraco monthly subscription box from Japan instead. This box would contain snacks and treats from a Japanese company

along with teas to try and a household good. Guide signed up student for an ongoing monthly subscription.

- Student also conducted online research into potential hair styles and colors for next day hair appointment.
- Student and guide traveled to horse boarding barn to care for, groom and exercise their horses. Guide and student were also available for the horses' farrier appointment. Guide and student continued to learn about horse hooves in general, horse anatomy, and each of their horse's hooves specifically. Student and guide did a visual measurement of each of their horse's hoof sizes and also of other horses attending appointments.
- Group continued to observe students' dad's progress on electrical work and installing canned lights in several rooms in the family home.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to horse boarding barn and martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. The horse farrier shared some farrier history for the Pennsylvania region suggesting a product for guide's horse's hooves with specific chemical in it in the distant past. Farrier stated it continues to be used by some more traditional farriers.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist and random Apple playlist in car, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Student stated they were not going to actively participate in the music studio's January Practice Challenge but they do plan on increasing their amount of time spent practicing.

ENRICHMENT

- Group discussed proposed after death rituals that Great Aunt Chris's family chose to participate in (i.e., next day viewings, Friday funeral and lunch). Students discussed their feelings around death, viewing dead bodies, death rituals, embalming, cremation, and other

options for the human body following death. Group decided students would prefer to remain at home while guide and students' dad attended the afternoon viewing the next day.

1-19-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interaction and discussion with hair stylist and salon staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; describe story elements for favorite anime and Manga).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, money, tipping, patterns, gradients, perspective, angles, geometric shapes, puzzles).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, percentages for tipping, calculating tip from total amount of service).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving toward horse expenses).
- Student continued to use mathematical concepts in free play (i.e., rearranging and decorating room, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to determine length of hair to be cut).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research into hair styles and color then brought image results to same day hair appointment. Student and hair stylist discussed desired cut and color. Stylist explained the chemical makeup of today's custom formula for student's hair.
- Student describe online research into Tumblr stating to watch some online videos the poster will state viewers must go to Tumblr. Together guide and student conducted online research into what exactly Tumblr was used for and what was available on this platform. Guide had had it confused with another app. Student was not sure if content would be appropriate for their age and agreed to continue researching it.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to a hair salon in Pittsburgh's Cultural District.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion around death and death rituals.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists, Apple music in the car, music accompanying online videos/games, new music played in hair salon).
- Student asked hair stylist for the names of two songs heard playing at the salon to look up on the ride home.

ART

- Student continued to create original works of art in their sketchbook as well as place their artwork around their room.

ENRICHMENT

- Group discussed guide's experiences at students' Great Aunt Chris's same day viewing.

1/20/23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with equine bodywork and massage professional).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; continued to describe story arcs and differences between anime streaming series and Manga books).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, patterns, perspective, addition/subtraction, multiplication/division, money, tipping, online currencies).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; horse anatomy, Masterson Method, red light therapy). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Group found and discussed an image explaining the difference between a million and a billion online (i.e., a million seconds is about 11 days, a billion is about 31.5 years, a trillion is about 31,709 years).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; size and location of specific parts of horse anatomy; horse height vs student height; money, total for 2 horses, tip).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued to save towards horse expenses).
- Student continued to use measurement in practical situations (i.e., horses, humans).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn to meet with professional bodywork and massage therapist for horses. Guide and student groomed horses in preparation and discussed the work this professional does (i.e., pads under hooves to remove pressure and increase

horse's comfort level; red light therapy for scars, nerve issues, and soreness; massage, acupressure, Masterson Method techniques). As a knowledgeable and experienced horseperson as well as bodywork professional, Mandy is able to offer valuable information and answer questions as well. Each horse was able to spend the hour appointment with Mandy and demonstrated engagement, release, and increased visible comfort with eye blinking, sighs, lip quivering, sounds, ear movement, increased flexibility and ease of movement. Mandy gave homework to guide and student to do with their horses between appointments.

- Group discussed same day bodywork and massage appointments for guide and student's horses. Guide and oldest student described what it was like to be there for this outdoor activity in the unheated barn; what types of techniques the person used; red light therapy and the ways it is supposed to help the horses; and homework the bodywork/massage person gave both guide and oldest student.
- Group discussed time of year, current weather conditions, and weather app's 10 day forecast. Group discussed frost bite, wind burn and the potential dangers of remaining in freezing temperatures. Also discussed cryogenics, Polar Bear Club, and the use of cold plunges by athletes.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to use maps and other resources to navigate local roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed frost bite, wind burn and the potential dangers of remaining in freezing temperatures. Also discussed cryogenics, Polar Bear Club, and the use of cold plunges by athletes.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).

ENRICHMENT

- Group discussed same day funeral for students' Great Aunt. Students were able to vocalize their feelings around attending and critically think through reasons for not going. Group agreed to honor commitments during funeral time and send a meal to Aunt's family.

1-21-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, signs/written documentation at National Aviary, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with National Aviary staff, volunteers, patrons and other job shadowing participants).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; signed in and created name tag at job shadowing program).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, portions, patterns, size of birds, sizes of eggs, food portions for Aviary, measuring, percentages, addition/subtraction, multiplication/division, money, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; 2nd weekend of National Aviary Job Shadowing Program). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given commute, parking, and arrival time for Job Shadowing Program; notes, tempo, pitch, rhythm, bow angle, violin position; measuring out, cutting, and preparing foods for the inhabitants of the Aviary; sizes of various Aviary inhabitants, patterns of markings, beak angles, wing span, etc.).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, Aviary Job Shadowing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., kitchen program at National Aviary) and other practical situations (i.e., identifying Aviary creatures by size, wing span, etc.).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation,

observation, museum visits, group discussions, group experiences, classes and reading. Oldest student participated in their 2nd weekend of the National Aviary Job Shadowing Program. This week their dad transported them to the Aviary. Student described guide and student's experience the previous week with limited parking options and late arrival time. Student and their dad discussed the commute, parking, and departure time in order to arrive early. Oldest student and the other two teen participants swapped job shadowing experiences this week (i.e., other group shadowing trainers and Bird Show staff; student shadowed nutritionist who was in charge of preparing, measuring out, and feeding Aviary inhabitants. Oldest student described their time at the Aviary for guide and younger students when they arrived home. Student described the foods they prepared (i.e., chopping vegetables and fruits) and the nutritionist prepared (i.e., mice, protein sources). Student discussed the process of readying dead mice for the carnivores (i.e., removing organs from the mice, sometimes cutting into pieces). Student told the rest of the group how the nutritionist knows each creatures preferences (i.e., some prefer mice organ meat, some avocadoes, or others berry/nuts) as well as the amount and portions each creature receives. With the mated barn owl pair, for example, the female is receiving additional protein, or mice, as she is nesting and working on hatching an egg. Younger students and guide asked questions for additional learning or clarification. Younger students requested to come with oldest student and guide the next week to explore the Aviary while oldest student does their Job Shadowing. Oldest student stated they were fine with the younger students coming though they would not be able to interact with them and guide while working. Group discussed oldest student's preferred boundaries while job shadowing (i.e., it's ok to wave hello, not ok to run up to or engage in conversation).

- Group discussed online news article stating today's new moon would be the closest to Earth in over 1300 years. Group discussed what this meant and wondered if they would be able to see this new moon.
- Group also discussed online article discussing some of the history of photography. The article showed, for example, the first U.S. president to have his picture taken or John Quincy Adams in 1843. Students were also able to see what is reportedly the first underwater photograph in 1899 by a French biologist that required the subject in the photo to remain still for 30 minutes. Another image students viewed was reportedly the first camera phone image of an infant taken in 1997 in Santa Cruz, CA. Group discussed how two older students had been to that city several times.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Countries or locations of origin were discussed for certain species present at the Aviary such as the Blue Macaw.
- Group discussed geographic locations brought up by viewing historical photographic images (i.e., France, Santa Cruz, CA).
- Student used maps and other resources to navigate local roads to travel to National Aviary in Pittsburgh.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group discussed various conservation efforts oldest student was learning at the Job Shadowing Program with the National Aviary.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Discussed human anatomy and other creatures anatomy including similarities and differences.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., exploring the Aviary).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student playlists, students' dad's playlists in car, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide while practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student used cardboard boxes to create 3D layered cube look for their own "Mine Craft flower" plant. Student painted their piece of art to match one species of flower present in Mine Craft.

ENRICHMENT

- Student continued to participate in the National Aviary Job Shadowing Program for Teens. This week student shadowed an avian nutritionist who described the scope of their work as well as all things nutrition for the creatures at the Aviary. The student was then able to assist in preparing the fruits and vegetables used for meals as well as shadow as the nutritionist thawed and prepared carnivores meat source (i.e., mice). Student shared their experiences with guide and younger students after arriving home. Next week student will participate in either veterinary services or trainers/avian behaviorists who work both behind the scenes and outside of the enclosures offering education opportunities offered throughout the day. Younger students will accompany guide and oldest student to the Aviary to explore while oldest student is job shadowing.

1-23-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin books).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with violin instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; determine stories behind musical compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, patterns, notes, angle of bow, angle of violin, finger locations, tempo, pitch, metronome, rhythm, money, online currencies, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes/beats/patterns in music, pitch; money).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, continued saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice and lesson) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., bow and finger positioning on strings; artwork sizes).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research into art and art technique videos. Student chose to create an original digital image of the sky in their Procreate app. Student then measured and resized several times to print out multiple versions of their artwork to decorate a wall of their bedroom. Student showed their art wall to guide.
- Student and their dad traveled to horse boarding barn after martial arts class to provide care,

grooming and a third feed for horses.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to music studio and later to the horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued to discuss nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to attend or perform in live performances. Student and instructor performed live both individually and as a duet in student's lesson.
- Student continued to have the opportunity to pursue their own musical interests with a private violin lesson.

ART

- Student created art through music.
- Student created an original sky digital drawing in Procreate resizing the image several times and printing it out. Student used the print outs to create a sky scene on their bedroom wall behind paper airplanes they had previously created and paper clouds hanging from their ceiling.

1-24-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., handwritten note to guide; listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with shoe store staff and pretzel shop employee).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, patterns, perspective, measuring, percentages, addition/subtraction, multiplication/division, money, tax, budget, online currencies).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, shopping within a budget; change, tip and total for pretzels).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards horse expenses).
- Student chose to take youngest student to pretzel shop, put in order, and pay for order with cash. Student was able to vocalize how they felt about these actions (i.e., “I don’t want to but I want to push myself”). Student was short on cash and the pretzel employee gave them a discount to reduce the order cost. Student and guide discussed additional options for next time (i.e., extra cash, come and get money from guide, go back with additional cash).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to determine current size of shoes, to determine size of pretzel cup student would like).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to the horse boarding barn. Student found a scratch that had removed the hair on their horse’s forehead. Student also noticed their horse’s left eye seemed red, watery, slightly closed and was draining clear fluid. Student took several photographs

and a video to forward to the equine vet. Student also used guide's First Aid Ointment on the cut. Student will continue to observe their horse and contact vet for follow up.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to local mall, craft store, and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued to discuss feelings, nervousness, calming strategies, and self-care. Each student described a time they challenged themselves to face their feelings directly.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., a lot of walking to explore mall and craft store).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlists, music played in stores, music accompanying online videos/games).

ART

- Student used yellow felt and paint markers to create a yellow bow and change the eye color on an existing black cat stuffed animal.
- Student wrote a very sweet note to guide along with a picture of a cat for guide to find in the morning before taking family's younger dog to the vet.

ENRICHMENT

- Middle student requested to go to a store to purchase new tennis shoes given a recent growth spurt. The other students asked to go as well and also look at shoes. Group agreed to donate other unused shoes. Group traveled to local mall and looked at several stores before students each found a new pair of tennis shoes. Middle student stated they'd like to return in the spring to look at sandals. While middle student and guide visited one last shoe store, oldest and youngest student went to the pretzel shop to purchase pretzels and lemonade for all 3 students. Oldest student challenged themselves to interact with the pretzel shop employee independently and succeeded. Youngest student assisted in carrying the orders to a table. Middle student and guide found, tried on and purchased a new pair of shoes for student before rejoining the rest of the group. Oldest student described the pretzel employee's kindness when student came up short with cash. Oldest student was able to vocalize their thoughts and feelings around this experience. Group made an additional quick stop at the local craft store before returning home.

1-25-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., writing handwritten note to their dad on his office white board; listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with martial arts instructor and classmates).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, patterns, combinations, percentages, addition/subtraction, multiplication/division, money, horse boarding money with discounts for each, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; new martial arts combinations and patterns; martial arts stick use, patterns, and timing). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, kick height, strike force, martial arts stick timing and patterns, combinations).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards horse expenses). Guide dropped off horse boarding money at horse boarding barn for 2 horses with discount for turning it in on the 25th of the month.
- Student continued to use mathematical concepts in free play (i.e., martial arts, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., height of kicks, distance for sparring, distance and size of martial arts stick).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide discussed reasons for a dermatologist appointment, concerns that could be shared, and options for student. Guide will check in with their dermatology office when

guide has an appointment next day.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion of what a dermatologist does, common reasons for visits, and local options for a pediatric dermatologist.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, their dad's playlists, music accompanying online videos/games).

ART

- Student used a white board and white board marker to write and draw a loving note for their dad.

ENRICHMENT

- Guide contacted HAFHS Rec Center to determine if registration was still open for their Intro to Canva class at student's request. The Rec Center informed guide registration for this class is closed due to reaching capacity. Guide requested to be informed of future classes.

1-28-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, signs/written documentation at National Aviary, violin book).
- Student participated in their 3rd week of a Teen Job Shadowing Program at the National Aviary. Student and the rest of the teens formed one group this week and interacted with each other as well as ornithologists at the Aviary.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, percentages, height, wing spans, size, weight, direction, money, online currency unique to each game/app, addition/subtraction, multiplication/division, distance, speed, GPS, parking signs/parking pay machine).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Job Shadowing Week 3). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule and commute time; notes/beats/patterns in music, pitch; money, to order items from Aviary menu).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, savings towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., for responsibilities with Job Shadowing Program, distance from birds, placement of food incentives from bird in training).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading.

Students and guide spent the day at the National Aviary in Pittsburgh. Oldest student returned for their 3rd week of a Teen Job Shadowing Program where they had the opportunity to shadow ornithologists who train and care for the Aviary inhabitants as well as tour the inner workings of the Aviary. While oldest student was at their shadowing program, younger students and guide explored the Aviary on their own. Younger students chose to start their tour with time on a virtual flying machine. Students were offered the choice of several video options and chose the tetradactyl flying experience which was changed to New York City Eagle flying experience when the disk would not load as well as an Insects in a Flowery Meadow flying experience. Younger students and guide then chose to go a circular route to explore the Aviary viewing and reading about Penguins, the Rainforest section (i.e., sloth, macaws, many colorful species), the Canary Hall (i.e., Canaries, bats, Burrowing Owls, etc.), the Grasslands (i.e., finches and small birds), the Sea Scape (i.e., flamingos, cranes, various other species), and the Hall with a Sea Eagle, Barn Owls, Toucans, and many different types of penguin cut outs that offer a visual of the penguin type's height, color/feathering, and whether the particular type is plentiful, in danger of extinction, or extinct. Younger students found various interactive activities throughout the Aviary such as a coin donation box where the coins circle the funnel until they fall into the hole in the center; a penny pressing machine where for 51 cents you will receive a pressed penny with one of three Aviary symbols on it; and a floor mat with various games rotating on it. Group rejoined oldest student and purchased them some food before heading home.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group reminisced about prior visits to the Aviary.
- Student continued to use maps and other resources to navigate roads to travel to the National Aviary.

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Students viewed signs and documentation throughout the Aviary as well as listened to Aviary staff that offered historical information about general avian species in the world, specific creatures at the Aviary, and local Pittsburgh or Aviary history.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Students read and discussed the many conservation suggestions found throughout the National Aviary. Group had previously discussed the Aviary's Adopt a Bird program where individuals can make a donation to theoretically "adopt" an inhabitant of the Aviary then visit and receive a photograph of the chosen creature.
- Student continued to gain a basic understanding of local, state, and federal government. Group asked how the Aviary is funded especially with a name like National Aviary. Continued to research how the Aviary is funded (i.e., grants, donations, fundraisers, scientific

expeditions to increase awareness of Aviary staff and their work, etc.).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued to discuss nutrition, movement, sleep and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., explored the entire Aviary and worked with staff to train birds).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ENRICHMENT

- Group discussed students' cousin's 10th birthday party to take place at an outdoor skating rink same day. Students' aunt texted to let group know the party would need to be rescheduled due to illness. The party will now be held Saturday, February 4th. Students agreed they would like to attend and were fine waiting until everyone was home (i.e., Job Shadowing Program overlap) to travel to the ice skating rink.
- For oldest student's 4th and final week of the Teen Job Shadowing Program they will have the opportunity to shadow the avian veterinarian and hospital staff set up to proactively care for all the Aviary's inhabitants as well as nurture and heal inhabitants who need the medical assistance. Group discussed how it will be students' dad's turn to go with oldest student. Younger students and guide will remain at home and get ready for students' cousin's ice skating birthday party.

1-29-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; signs, written documentation, and recipes at Flour Power Family Cooking Class, violin book).
- Family traveled to their first Family Cooking Class at Flour Power. Family interacted with other families, instructors, and the owner of the cooking school.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., handwritten name at cooking class; listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, perspective, angles, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Family Cooking Class). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes/beats/patterns in music, pitch, angles; measuring out ingredients for cooking class recipes).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, cooking) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., Family Cooking Class recipes) and other practical situations (i.e., measuring out horse's feed bags for 3 meals a day).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Family traveled to a cooking school, Flour Power, to participate for the first time in a Family Cooking Class. Family met and interacted with the owner of the establishment while checking in and finding their class location. Family entered area that was modeled after a

home kitchen with 4 or 5 metal work tables for families to gather and prepare recipes; a very large island at the front of the room; a refrigerator with ingredients; an oven, cooktop and microwave as well as cupboards and drawers filled with a multitude of cooking tools. Family read through the provided recipes for calzones, chocolate chip cannoli, and Italian soda. The primary instructor introduced themselves and their 2 assistant teachers for the evening then outlined what would take place during the class. Families followed the recipes measuring and mixing the ingredients; sautéing fresh ingredients when necessary; and needing and shaping dough before stuffing. The instructor collected the completed calzones to cook while the families worked together to make chocolate chip cannoli for dessert. Each person was then given multiple choices for beverages and beverage creations. Each person made some variation of Italian soda with youngest student and guide choosing to create as close to authentic as possible. The teaching assistant offered additional information about foods in Italy and the beverages being created this evening. Once all food and beverage items were complete, families were able to sit together and eat what they had made (i.e., individual calzones, a chocolate chip cannoli, and an Italian soda).

- Student and guide traveled to the horse boarding barn to check on student's horse's left eye and scrapes. Student and guide groomed, grazed and cared for horses. Student and guide will return in the evening to provide horses with their 3rd or evening meal.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Told stories of previous activities possibly in the same area (i.e., a live performance family attended, a performance oldest student participated in). Students' dad believed those experiences were not in the area family currently found themselves in.
- Student used maps and other resources to navigate local roads to travel for the first time to Flour Power North of the city of Pittsburgh.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group discussed the Ukraine, the conflict between the Ukraine and Russia, Russia's leader Vladimir Putin, and former president Trump's reported association with Putin.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Group reviewed fire safety while working with an electric skillet, cooktop, and oven at the cooking school.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussion on nutrition, movement, sleep and self-care. Group discussed the impact of these pieces on mood.

- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music at cooking school, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide while practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student used cardboard found in the recycle bin, paint markers, scissors, a spinner, sketched stencils and an online tutorial video to begin work on a spinning cardboard sun mask.

ENRICHMENT

- Students gave the Family Cooking Class high ratings on a scale they created and requested to return soon for another class. Guide will review other Family Class options and follow up with students.
- Oldest student chose to cut their candy sour strips into little rectangles. Student pointed out the rectangles closely resemble the Ukrainian flag. Group discussed support for the Ukraine, Russia's current leader, and former president Trump's reported association with Putin.

1-30-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., notes for violin lesson; listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions with violin instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, angles, percentages, pattern, distance, speed, GPS, rhythm, tempo, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, angles; height of kicks, force of strikes, distance for sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, savings towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student used cardboard found in the recycle bin, paint markers, scissors, a spinner, sketched stencils and an online tutorial video to continue and complete work on a spinning cardboard sun mask. After student completed the mask they experimented with adding a small weight to the inside of the bottom portion of the mask. Student stated they were attempting to assist the mask in swinging from side to side or even in a complete circle then always coming back to rest in an upright position. Student also said they were going to try to create something to hang the mask on when not in use. It would serve as both a mask and a piece of wall art.
- Student and guide conducted online research into the definition of “bumpkin” a word that

was in the title of student's new violin piece.

- Group discussed scientific theories discussed on Weird History social media that have changed since guide was in public school. For example, the arrival of humans into North America by way of the Bering Land Bridge. According to Weird History, archeology now knows that humans had already been in the area an estimated 20,000 years.
- Student created candied apples for family to try.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Group discussed scientific theories discussed on Weird History social media that have changed since guide was in public school. For example, the arrival of humans into North America by way of the Bering Land Bridge. According to Weird History, archeology now knows that humans had already been in the area an estimated 20,000 years.
- Student used maps and other resources to navigate local roads to travel to music studio, martial arts studio and horse boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed scientific theories discussed on Weird History social media that have changed since guide was in public school. For example, the arrival of humans into North America by way of the Bering Land Bridge. According to Weird History, archeology now knows that humans had already been in the area an estimated 20,000 years.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student and their instructor performed live both individually and as a duet during student's lesson.
- Student continued to have the opportunity to pursue their own musical interests with a

weekly private violin lesson.

ART

- Student used cardboard found in the recycle bin, paint markers, scissors, a spinner, sketched stencils and an online tutorial video to continue and complete work on a spinning cardboard sun mask. Student added a small weight to assist mask in swinging from side to side or even in a complete circle but coming back to rest in an upright position.

ENRICHMENT

- Guide followed up with students about Family Cooking Class options that included a February 12th Family Cooking Class with a heart theme (i.e., individual heart shaped pizzas, make your own ice cream, and a heart craft). Family requested to participate and guide registered family for the class.

2-1-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Students and guide traveled to current pediatric dentist for students' 6 month cleaning and well check. Students interacted with their assigned hygienist and the pediatric dentist working that day.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, patterns, perspective, color gradient and shadowing, measuring, percentages, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, distance to pediatric dentist; to understand measurements of teeth and jaw; height of kicks, force of strikes, distance for sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., current bite; kick heights, sparring distance).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group traveled to current pediatric dentist for students' 6 month cleaning and checkup. Group discussed a common human worry is the dentist and some tools people use to decrease worry. Students were each assigned a dental hygienist who worked with them to clean and x-ray teeth if needed. Afterwards, the pediatric dentist working checked students' teeth, asked questions, offered clarification, and set an action plan if needed. Guide updated the dentist on

students' orthodontic consult last month (i.e., oldest student to begin Invisalign March 1st; younger students scheduled for follow up orthodontist appointments every 8 months until all primary teeth have fallen out; orthodontist advised ongoing observation of middle student's cavity in a primary tooth and no extraction).

- Student planted small ferns and bamboo plant purchased at Soergel's Farm greenhouse previous day and placed them in their bedroom.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.
- Group discussed online news article, "Dodo next in line for de-extinction by scientists reviving the mammoth." Group researched further and found that the company projecting these ideas, Colossal Laboratories and Biosciences, is currently collecting funding for such endeavors. Group found that bringing these attempts to fruition would take some time and involve removing cells from an egg of the Dodo's closest living relative, the Nicobar pigeon; altering the cell to have it closer resemble a Dodo-like bird; and reimplanting it into an egg with the hopes it would incubate, hatch and survive. Group discussed other challenges such as where would it live and would it be able to survive in the wild? Group also briefly discussed cloning and how the clone is born not created to be an exact replica that is already the age of the original animal.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed where the Dodo bird lived or Mauritius Island in the Indian Ocean (i.e., to the east of the Island of Madagascar which is east of the continent of Africa).
- Student used maps and other resources to navigate local roads to travel to Miracle Pediatric Dentistry and martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed world history and the extinction of dinosaurs and the Dodo bird.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group traveled to current pediatric dentist for a 6 month cleaning and checkup. Group was able to discuss primary and permanent teeth, bite measurements, airway obstructions, tooth decay, dental hygiene and orthodontia with the dental hygienists and pediatric dentist.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Continued to discuss worry and coping techniques.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination

and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlist, music playing at dentist, music accompanying online videos/games).

ART

- Student continued to work on their cardboard sun mask. Student modified the weight used to return the mask to an upright position. Student also added shading to give the mask an even more 3D effect.

ENRICHMENT

- Student continued to wait for a handmade crocheted stuffed version of the sun character they enjoy and had modeled their mask after. Student had researched and found the crocheted sun character on Etsy.com.

2-2-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, eye drop meds, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for graphic novel/anima original character).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, patterns, angles, measuring, perspective, distance, speed, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; eye drops and ointment treatment for horse). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule to travel to barn; notes, patterns, tempo, pitch, bow angle, violin angle for violin practice).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, saving towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., taco ingredients) and other practical situations (i.e., eye drops and ointment for horse).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed the annual Ground Hog Day tradition of bringing out the current Punxsutawney Phil ground hog to view his shadow or not thus predicting an early spring or a longer winter. Group discussed the ground hogs used in this annual tradition, the myth of the

shadow, and the location of the ground hog in Punxsutawney, PA.

- Group experimented with taco ingredients for dinner. Middle student assisted by cutting up and sauteing onions. Students measured out ingredient amounts for either a hard shell or soft tortilla. Positive comments from all students after trying their tacos. Middle student voiced enjoying cooking and other students agreed.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.
- Student and guide continued to travel to horse boarding barn to care for, groom, and exercise their horses. Together they also continued to administer student's horse's eye drops and ointment (i.e., 5 day protocol to end February 4th).

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed location of Punxsutawney Phil ground hog in Punxsutawney, PA, which is about a 2 ½ hour drive northeast from Pittsburgh.
- Student continued to use maps and other resources to navigate local roads to travel the horse boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed the annual Ground Hog Day tradition of bringing out the current Punxsutawney Phil ground hog to view his shadow or not thus predicting an early spring or a longer winter. Group discussed the ground hogs used in this annual tradition, the myth of the shadow, and the location of the ground hog in Punxsutawney, PA.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed cleanliness and kind treatment of the human body is a form of self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming, grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music played at hair salon, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin

practice.

ART

- Student created original digital artwork with their Procreate app.

ENRICHMENT

- Student continued not to be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Guide continued to conduct online research into learning opportunities. Current online descriptions found include: Bridgeville and South Fayette libraries DIY Club with Crochet techniques for February; Children's Entrepreneurship Market where kids can register for a table and sell items or attend/shop that will be coming to Washington, PA on March 18th; a play, Failure: A Love Story, will be performed by South Hills Performing Arts February 17-19th; Valentine's themed art party at Fox In A Box home school meet up on February 13th; Teen Career and Continuing Education opportunities at Love First Co-op; and Carnegie Science Center Vikings Exhibit beginning February 11th.
- Group discussed Valentine's Party at Home Away From Homeschool Rec Center. Oldest student stated they did not want to participate; middle student was uncertain and would consider it; and youngest student stated they would like to participate. Guide will follow up with middle student next day and register participant(s).
- Student's package arrived from Etsy.com containing the handmade crocheted sun character. Student took a picture of stuffed character with family's cat, Lily, and texted it to guide. Student began to brainstorm ways to modify crocheted character with accessories.

2-3-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, perspective, angles, color theory, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, digital drawing with Procreate app).
- Student continued to use mathematical concepts in free play (i.e., digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to create original digital drawings).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student spent time desired to work on digital drawings using their Procreate app.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion around nutrition, movement, sleep and self-care. Student conducted a check in with themselves and found they were really needed rest. Discussed options to do so and student chose spend whatever time they desired with digital drawing.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).

ART

- Student continued to use Procreate app to create original digital drawings.

ENRICHMENT

- Guide followed up on Valentine's Party at Home Away From Homeschool Rec Center. Oldest student restated they did not want to participate; middle student considered it and chose not to participate; and youngest student restated they would like to participate. Guide registered youngest student and signed up to bring a fruit tray. Youngest student and guide traveled to local craft store to purchase needed items to decorate a box and create valentines.

2-4-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, MedExpress and ER signs/documentation).
- Family traveled to South Park outdoor skating rink for students' cousin's birthday. Interactions with extended family, ice rink staff, and other skaters. Oldest student traveled with guide and their dad to medical facilities.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; read medical terms and information on signs, screens, and paperwork).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, percentages, patterns, money, online currency unique to each game/app, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to create their own slimes, to determine current ice skate size).
- Student continued to conduct their own financial transactions to a level appropriate for their ability. Student continued ongoing use of monthly money received. Student also continued to use family created list of possible income sources (i.e., jobs performed for agreed upon amounts) to participate in jobs, calculate the amount(s) earned, and spend or save as student chooses.
- Student continued to use mathematical concepts in free play (i.e., ice skating) as well as age appropriate math related media (i.e., PC and Ipad apps/games).
- Student continued to use measurement in practical situations (i.e., to determine current ice skate size).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student participated in their final Job Shadowing week at the National Aviary. Student described their opportunity to shadow the avian veterinarian and hospital staff set up to proactively care for all the Aviary's inhabitants as well as nurture and heal inhabitants who need the medical assistance. Student vocalized their thoughts and feelings on the overall

program and if they would want to participate in similar experiences.

- After oldest student completed final week of Job Shadowing Program at National Aviary, family traveled to outdoor ice skating rink for students' cousin's 10th birthday party. Group determined attire based on afternoon weather predictions on weather app. Group noted melting ice and the uneven surface of the partially melted ice rink. Students determined current ice skating size and attempted to skate on rink. Students noticed they were able to increase their speed and balancing abilities as time progressed at the rink. Birthday cousin requested one more lap then to leave and continue their party at their home. During final lap guide fell when crossing over a melted, bumpy portion of rink and injured their right forearm. Guide, students' dad and oldest student per their request chose to travel to a medical facility while younger students requested to continue on to the party at cousin's house. Travel arrangements were made and guide, students' dad and oldest student traveled to several medical facilities before guide received treatment. Guide was diagnosed with a right wrist fracture and referred to an orthopedic surgeon for follow up. Family returned home with guide in splint.
- At student's request, they accompanied guide and student's dad to medical facilities (i.e., MedExpress, ER) seeking care and clarification for guide's right forearm injury. Student participated in portions of the medical interventions and was able to ask questions and read documentation.
- Students described the rest of the party for guide including how excited their cousin was to receive homemade slimes and chocolate bears from student. Group discussed guide's wrist, options for assisting in the next few days, and follow up treatment.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group recalled both other times in the area of South Park ice rink as well as other travel to other rinks.
- Student continued to use maps and other resources to navigate local roads to travel to the National Aviary, South Park outdoor ice rink, MedExpress, and a local ER.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Group discussed the impact of nutrition, movement, sleep and self-care when an injury is introduced.
- Student accompanied guide and student's dad to two medical facilities while guide sought clarification and treatment for their injury. Student was able to observe, listen, and ask questions during treatment. Student also had the opportunity to view nurses, doctors and other medical facility staff at work.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed anatomy of the human wrist; the ulna and radial bones; a distal radius fracture; different types of wrist fractures; and the most common types of fractures in humans.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., ice skating).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games, music played at ice rink).

ENRICHMENT

- Student continued not be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Student had the opportunity to observe, listen to and interact with nurses, doctors and other medical staff while guide was seeking treatment for their right forearm injury. Student described how they had been considering nursing as a career and what they learned from directly observing the nurses at the ER in action.

2-6-23 to 2-11-23

Group discussed options for continued learning while guide was navigating their fractured distal radius in their right wrist. Students were offered their dad as a substitute for the week. Students conferred and each requested to cancel their scheduled activities. Students offered to do various activities to assist guide including take the dog out, feed the dog, bring guide food/beverages, make their own meals, and keep each other busy while guide rested. Guide was able to set up a follow up appointment with the referred orthopedic surgeon on Monday, February 6th. Surgery to place a metal plate and screws as well as relieve pressure to the carpal nerve in the right wrist was scheduled for Wednesday, February 8th. Guide would not be able to drive, lift over a pound, or use their right wrist until their follow up appointment with the orthopedic surgeon on February 20th. Group discussed wrist fractures, other fracture locations, guide's experience, and human anatomy.

2-12-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; recipes, written documentation, signs at Flour Power Cooking School).
- Family traveled to Flour Power Cooking School for the Family Cooking: Cooking With Love class. Students interacted with instructors, the school's owner, other families, each other, guide and their dad. Students followed along with written and/or verbal instruction.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; interactions, reading and listening at cooking school).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, percentages, cooking, shapes, money, online currency unique to each game/app, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to measure necessary amount of ingredients to make heart shaped pizza from scratch and homemade ice cream).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to use all money earned and received towards ongoing horse expenses). Student informed that if they are asked to provide babysitting for younger students they can spend money earned however they see fit.
- Student continued to use mathematical concepts in free play (i.e., slime, baking) as well as age appropriate math related media (i.e., PC and Ipad apps/games).
- Student continued to use measurement in cooking (i.e., heart shaped pizza, ice cream).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Family traveled to second Family Cooking Class at Flour Power Cooking School. Today's theme was Cooking With Love with heart shaped, handmade pizzas and homemade ice cream. The class had families work within their group as well as with the other families at times to create the meal. Participants enjoyed their cooked items at the end of class. The class

also ended with a Valentine craft were participants traced their hand and created a unique Valentine card with whatever words/decorations they would like. Family was able to participate with students' dad as their transport and guide taking photos.

- Group continued to discuss human anatomy, wrist bones and ligaments, and guide's experience to date. Group vocalized that they did not mind not attending appointments while guide was recovering and were choosing to use the time as a rest time or time to deep dive into topics of interest.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to use maps and other resources to navigate local roads to travel to Flour Power Cooking School.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion around the significance of rest when recovering from an injury.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlist, music accompanying online video/games).
- Student chose to cancel their individual weekly cello lessons for one week. Student chose to practice violin during that time.

ART

- Student chose to trace and cut out their hand with construction paper, scissors and a pencil. Student then chose to use additional paper and a glue stick to create little finger puppets for their traced and cut out hand.

ENRICHMENT

- Guide contacted Home Away From Homeschool Rec Center to let them know that they had a fractured wrist and could not drive. Students and guide did not have transportation to get to the next day Valentine's Day party. Guide apologized and canceled their registration.

2-14-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, first Sakuraco Japanese subscription box and materials).
- Student received their first Sakuraco Japanese subscription box. The box contained a beautiful typed welcome letter to the Sakuraco family. A booklet was also included that described Japanese culture, food, tea and customs associated with the houseware item received in the box (i.e., a soup or tea bowl). Student used translating app to read what certain food items were in box.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., writing in their Valentine's cards, listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, fractions, percentages, patterns, tempo, codes, money, online currency unique to each game/app, addition/subtraction, multiplication/division, notes, bow angle, violin angle, throwing techniques for flying fidget; hours and minutes).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; downloaded Hogwart's Legacy PC Game). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; notes/beats/patterns in music, pitch).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued to save for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed Valentine's Day, common Valentine's Day customs, changes in this year

for family celebrations due to guide not being able to drive or cook, and what students had enjoyed in past Valentine's.

- Student experimented with first Sakuraco Japanese subscription box. Student tried each item included in the box. Student read common rituals for tea drinking experiences described in the included booklet. Student and guide viewed the welcoming video guide had received upon signing up for student's subscription as well as the welcome letter included in the box. Discussed how the welcome letter described Sakuraco's government approval and partnership to deliver authentic Japanese experiences.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide discussed Japan and student's ongoing research into the country.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student asked questions about historical relationships between Japan and the United States.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Student and guide discussed the Japanese government, the impression left by the Sakuraco Japanese subscription box welcome letter, and potential cultural implications of government involvement in the Japanese company.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued to discuss guide's fractured wrist. Guide's follow up with the orthopedic surgeon is scheduled for Monday, February 20th. Students expressed hope guide will have driving limitations lifted at that time.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide during violin practice.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

ENRICHMENT

- Guide continued to cancel or reschedule students' ongoing appointments. Students' dad was able to offer to take students to classes/lessons outside of their work day. Oldest student chose to reengage with martial arts class and violin lessons this week. Students' dad took 2 of the family cats (i.e., Rose and Oliver) to a long scheduled cardiology appointment for follow up for Rose and a new patient consultation for Oliver. Rose remained on a follow up schedule and Oliver was prescribed blood pressure medication and asked to return in 9-12 months. Group discussed the appointment, the treatment options, and the continued care of senior rescue cats.
- Student found, purchased, and initiated downloading process for Hogwart's Legacy PC game. Student asked guide to observe them doing so and playing once game was ready to launch.
- Guide had previously began ordering small Valentine's gifts for students (i.e., flying fidget spinner) prior to their February 4th wrist fracture. Guide had planned to travel to several locations to complete Valentine's prep but were unable to do so. Students and students' dad were presented with small gifts and cards from guide. Oldest student chose to charge and try out their flying fidget demonstrating the angled hand motion required to fly the fidget.

2-15-23 to 2-18-23

Oldest student continued with martial arts classes on 2-13 and 2-15 as well as violin lessons on 2-18. Students' dad traveled with oldest student to these scheduled classes and lesson. Middle student continued to request to use this time as a break and to consider whether or not they would chose to continue ongoing classes or lessons in their schedule (i.e., cello, Pokémon Club, HAFHS classes or clubs). Students continued with subscription items including their monthly Universal Yum subscription box, Brazil version, with maps, a descriptive booklet, snacks and treats.

Oldest student and students' dad traveled daily to horse boarding barn to sub in for guide's care and grooming of guide's horse. Oldest student or their dad would take photos of guide's horse and text guide. Oldest student and guide's horses received massages and bodywork on Friday, February 17th where the bodywork professional texted the work and results to guide and guide used PayPal as the bodywork professional's preferred online payment option. Group continued to discuss rest and its impact on recovery. Guide described their experiences and the noticeable differences in pain levels when guide chose to limit activity.

Family planned out how to approach a prescheduled Bungee Fitness Class guide had registered themselves and oldest student for on Sunday, February 19th. Guide had texted the Pittsburgh Circus Center per their instructions on their website to cancel guide's participation but had received no response. After discussing with students, the plan was set for family to travel to Pittsburgh Circus Center's location for the first time. Guide would request to observe the class while oldest student participated. Younger students and their dad would remain in the car with things to do then would provide transport home.

2-19-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Students, guide and their dad traveled to Pittsburgh Circus Center for the first time. Oldest student and guide entered the center. Oldest student and guide explored the waiting area reading signs, quotes, and guidelines for the organization. Guide had signed a waiver for oldest student online. Guide and oldest student explained recent events and guide was invited to observe and photograph oldest student. Oldest student was given a partner in the class and interacted throughout with their class partner, the other participants and the instructor and owner of Pittsburgh Circus Center.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; learn, read and interact in the story elements and line of Hogwart's Legacy as well as recalling the Harry Potter book series).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, measuring, fractions, percentages, levels, powers, potions, online currencies, money, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Bungee Fitness and physics of a bungee). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given ready time, commute, distance and class arrival request; bungee harness size and fit; angle, force, and pull of bungee in movements; digital drawing techniques).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Bungee Fitness, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

- Student continued to use measurement in practical situations (i.e., Bungee Fitness class).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Students, guide and their dad traveled to Pittsburgh Circus Center for the first time. Oldest student and guide entered the center. Guide and oldest student explained recent events and guide was invited to observe and photograph oldest student. Per their partner's request, oldest student videoed and photographed their partner during a photography portion of the class. Oldest student was able to engage in various angles, jumps, handstands, dives and movements with their partner during the class. Educational information was shared throughout class around the use of a bungee; the physics behind the bungee; and its impact and uses for the participant during the class. Guide asked oldest student for feedback and scaled ratings on the drive home. Oldest student was able to describe the overall class; their feelings, thoughts and experiences; and provide a rating on a scale of 1 (i.e., worst) to 10 (i.e., best) for the group.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed the area they traveled to for the first time.
- Student used maps and other resources to navigate unknown local roads to travel to the Pittsburgh Circus Center.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including safety during a Bungee Fitness Class.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued to discuss movement, nutrition, sleep and self-care. Group discussed the significance of finding an activity that is fun and interesting so that movement is also fun. Oldest student described finding that in their same day Bungee Fitness Class.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., Bungee Fitness class).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games, music playlists used for

Bungee Fitness Class).

ART

- Student continued to use their Procreate app to create original digital drawings and sketches. Student shared a sketch of a winged figure they were working on using Procreate and their Apple pencil.

ENRICHMENT

- Student continued not be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Oldest student reported the Bungee Fitness at the Pittsburgh Circus Center was a fun, engaging class where you didn't realize you were even working out. They requested to register for as many Bungee Fitness classes they could be involved in. Guide followed up with online research and let them know it is offered twice in March on weekends. Per student's request, guide registered them for Saturday, March 18th, and rescheduled their weekly violin lesson for Monday, March 20th that week. Younger students were hopeful guide could travel with oldest student and maybe even participate in the future bungee class. Students' dad offered to go with oldest student if needed.

2-20-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student chose to research online videos and tutorials on crocheting and crocheting fingerless gloves.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, patterns, percentages, money, online currencies, measuring, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; crocheting). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, crocheting).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., sizing digital drawings).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research into crocheting and crocheting fingerless gloves. Student viewed online videos and tutorials then gathered their existing supplies (i.e., chosen yarn and crochet hook previously bought at craft store). Student then began using the stitches learned and attempted to crochet a fingerless glove for their left hand.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed guide's same day follow up appointment and x-ray with their orthopedic surgeon. Group discussed guide's proposed treatment plan and new wrist appliance.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's same day martial arts class, the first of two martial arts classes for week that focus on both martial arts and self-defense, was canceled by the instructor due to illness.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify, music accompanying online videos/games).

ART

- Student continued to use their Procreate app to draw and create original digital drawings.
- Student began a crochet project using light blue yarn and a crochet hook to create a fingerless glove for their left hand.

ENRICHMENT

- Group discussed guide's same day 12 day post-op follow up appointment with their orthopedic surgeon who specializes in hands, wrists, elbows and shoulders. Guide's wrist fracture was x-rayed and the surgery splint/wrappings removed. The surgeon examined guide's surgical cuts and x-ray images. Guide was shown pre-surgery x-rays and same day x-rays. The current focus of treatment will be flexibility with strength a future goal. Guide was referred to OT with a hand/wrist specialist within the same building as the surgeon. Guide signed up for a first OT appointment on Thursday, February 23rd. Guide was transitioned to a removable wrist brace. Guide explained all these points to students upon returning home. Guide is not able to drive yet and is limited to lifting 1-2 lbs. only (i.e., a full coffee cup).

2-21-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for avatar and other characters on Mine Craft).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, measuring, fractions, patterns, percentages, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; measuring length and width of fingerless gloves; calculating Mine Craft resources and additional needed to complete desired building).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., crocheting, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., length and width of fingerless gloves).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed a beautiful art sculpture displayed in Ireland to honor the American Choctaw Indian Tribe. The social media post was offered as a suggestion on guide's social media. The poster was Explore Native American Culture. The photograph offered the context: in 1847, the Choctaw Tribe sent the Irish people money during a potato famine when Irish people were starving. The group read that when the Choctaw Tribe sent the money they had just endured the Trail of Tears and were living in poverty and hardship. The sculpture was name "Kindred Spirits" and is a large stainless steel outdoor sculpture in Bailick Park in Midleton, County Cork, Ireland. The shape of the feathers is said to represent a bowl of food.

- Student continued working on their crocheting project (i.e., fingerless gloves). Student completed the light blue crocheted fingerless glove and moved on to a dark blue fingerless glove for their right hand. Student focused on completing their task and was able to do so over the course of the day. Student then stated they would like to add a crocheted sun and a crocheted crescent moon on the gloves. Student conducted further research to figure out how to do so. Student showed guide their finished gloves with the added sun and crescent moon. Student reported they may restart the same crochet project but increase the length considerably on their final gloves.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed both Ireland and the United States including the Choctaw Tribe and the Choctaw Nation of Oklahoma.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed both Ireland's potato famine and the Choctaw Tribe and the Choctaw Nation of Oklahoma's response.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group discussed the federal government's treatment of Indigenous populations in the U.S. including the Trail of Tears, reservations, and the dynamics behind (i.e., Native Americans were not allowed to leave reservations to hunt, warring tribes were purposely located near each other, lands given were taken away by the government, lands were chosen for their barrenness and undesirability, children were taken, etc.).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify, music accompanying online videos/games).

ART

- Student chose to continue their crochet project adding a sun and crescent moon on their fingerless gloves. Student contemplated redoing their fingerless gloves to increase their lengths.

2-22-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, books sent by aunt via mail).
- Group received a package from their aunt via USPS. The package contained Music Manuscript Paper: 100 Blank Staff Pages With Music Notation Guide and a sketchbook for oldest student. Middle student received a STEM 3 In 1 Train Set and youngest student The Complete Cookbook for Young Chefs: 100+ Recipes You'll Love to Cook and Eat!
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compose story lines for Mine Craft characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, patterns, online currencies, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate online resources in Mine Craft, keep track of time, and calculate how many resources are needed to complete a build or activity in Mine Craft).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Mine Craft) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., Mine Craft).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group requested guide Google whether a banana is a fruit or a berry. Guide read results aloud. Students offered additional information they had viewed or read online.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued to discuss guide's fractured wrist and its implications for daily life. Guide will drive for the first time to take middle student to same day community appointment that students' dad is unable to provide transportation for. Students were able to vocalize their thoughts and feelings around this.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify, music accompanying online videos/games).

ART

- Student requested to show guide the home they build and decorated in their Mine Craft world as well as their landscaping, farming, animal structures, and water reserves.

2-23-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, patterns, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; electric bike, Invisalign process). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, tempo; speed, balance, and straight line vs arcing ride on electric bicycle).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, electric bike) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., height and weight vs height of seat and electric bike).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide conducted online research into how to know if a papaya is ripe and how to cut a papaya. Student read and followed the search results to refrigerate and cut their papayas.
- Guide received texts of forms to read prior to student's March 1st orthodontist appointment. Guide showed the forms to student after reading and viewing pictures. Student also read the pdf's to gain additional insight into Invisalign and their upcoming appointment.

- Group continued to discuss guide's treatment plan for distal radius fracture. Occupational therapy initiated same day. Guide described to group what their experience of occupational therapy was and compared it to a prior physical therapy experience.
- Group explored and played at the USC Rec Center park. Students used roller blades, scooters, electric bike, electric scooter, and running to navigate the paved portions of the park. Students also climbed, swung, ran and hid in the playground area.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group recalled previous trips to the same park, indoor pool, and outdoor pool.
- Student used maps and other resources to navigate local roads to travel to the USC Rec Center park.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed occupational therapy and physical therapy following injuries.
- Student and guide continued to discuss student's upcoming orthodontist appointment and the beginning of their Invisalign treatment. Student read through the pdf documents sent by the orthodontist office with more details on what to expect.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., running, roller blading, electric bike riding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide with violin practice.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

ENRICHMENT

- Student chose to cancel their participation in Bridgeville Library's Teen DIY February meet up which focused on crocheting. Student stated they had taught themselves so they did not feel the need to participate in a class.

2-24-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student participated in Teen Meet Up with peers at HAFHS Rec Center. Student interacted with peers and staff at the Rec Center.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, patterns, crocheting, measuring, percentages, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; crocheting). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, crocheting, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., preparing coconut and papaya) and other practical situations (i.e., to measure forearm length).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with their crocheting project beginning forearm length fingerless gloves with sun and crescent moon stitched on.

- Guide had found historic photographs on several social media sites (i.e., Historic Photographs, Weird History). These included photos of Albert Einstein just prior to his famous tongue out photo on March 14, 1951 the day of his 72nd birthday. Group discussed Albert Einstein, his reported learning style and not fitting in with traditional education, his reported activism, and historic photographs of him on social media. Group discussed different types of intelligence (i.e., memorization, facts, emotional) and students identified areas they believe they have intelligence in (i.e., middle student: math, oldest: emotional). Group discussed how youngest student taught themselves to read and also taught themselves various mathematical calculations. Group discussed traditional learning versus individualized learning.
- Group also discussed Robert Peary's who was reportedly the first man to reach the North Pole on September 7, 1909. Weird History's social media platform offered a link to Peary's journey documented in his photographs. Group discussed history and the common reporting perspective from white males. Group wondered what has not been recorded or reported in history.
- Student and guide conducted online research into how to soften coconut flesh. Student read and chose to follow certain search suggestions when they cut open and cut out the coconut flesh.
- Oldest student shared their papaya and dragon star fruit with younger students.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed the North Pole.
- Student used maps and other resources to navigate local roads to travel to HAFHS Rec Center.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed Albert Einstein, his reported learning style and not fitting in with traditional education, and historic photographs of him on social media.
- Group also discussed Robert Peary's who was reportedly the first man to reach the North Pole on September 7, 1909. Weird History's social media platform offered a link to Peary's journey documented in his photographs.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Apple playlists in car, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student played live for guide during violin practice.

- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student chose to begin their second crochet project: forearm length crocheted fingerless gloves with a sun and crescent moon stitched on.
- Student also chose to create an original digital drawing of a character in a bee hoodie standing in front of a sun with their Procreate app.
- Student created art through music.

2-26-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Family traveled to local movie theater where students read signs, concession menu, screen trivia game, and other written documentation. Family interacted with movie theater staff and fellow patrons. Students viewed and discussed previews shown prior to the main attraction.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, percentages, stats, sizes, money, online currency unique to each game/app, addition/subtraction, multiplication/division, thinness or thickness of aloe).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate costs of movie snacks and beverages, to find numbered/lettered reserved seats).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., movie experience, aloe leaf) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., size of theater reclining seat versus student height; length and depth of aloe leaf as well as aloe).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group chose to participate in a movie theater experience that youngest student had suggested in last week or so. Group traveled with guide and students' dad to local movie theater where guide had reserved reclining cushioned seats for family. Students chose their movie food items and beverages from the theater's concession stand menu, ordered their items and paid as a group. Students navigated theater to find numbered seats in section E. Group recalled the few times they had all traveled to movie theaters in the past and experiences where the students size was such that the seats would not stay open or they could not see as well. Group

experimented with current theater which advertises itself as a luxury theater with cushioned recliners. Students scaled their experiences (i.e., 1-5 with 5 the best) and reported they really enjoyed the experience. Group thanked youngest student for the suggestion.

- Group observed oldest student cutting an aloe plant leaf they had purchased on a recent trip with their dad to a Whole Foods grocery store. Student had conducted online research and followed results to strip the interior of the leaf of its aloe. Student chose to store this aloe in the fridge to best preserve it for use in skin care.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussed where movie took place, Mexico.
- Student continued to use maps and other resources to navigate local roads to travel to local movie theater.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group discussed the Federal Reserve, money printing, money retirement and disposal.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Group reviewed fire exits at local movie theater as well as exit strategies in case of fire.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music played during previews and main attraction at movie theater, music accompanying online videos/games).

ART

- Student continued work on their current crochet project.

ENRICHMENT

- Students requested to repeat today's movie theater experience in future. Youngest student stated they would like to return in May when the live action version of The Little Mermaid premiers. Middle student stated they would like to return to see the Mario Movie.

2-27-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Group traveled to a local bookstore to purchase a number of reading materials within a preset budget. Students interacted with bookstore staff, fellow shoppers, and each other. They explored the various sections of the store (i.e., Manga, Young Adult, Geography, Restrooms, Journals) and read both books, maps, and signs in each area. Oldest student offered suggestions for Manga younger students might enjoy based on personality, interests, and anime oldest student knew they liked.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compare story lines for graphic novel or Manga books).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, patterns, series lengths, Roman numerals, money, online currencies, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; books in a series, Roman numerals to standard numbers).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., book series, maps) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed options to fall asleep at night. Group discussed recent online scientific articles on the effects of blue light on the brain. Group brainstormed other options than using any type of screen before bed. Students stated they would try reading again if they had more reading options. Group traveled to local bookstore to remedy this. A preset budget was given

and students gathered books within it. Oldest and middle student also chose to purchase world maps to hang in their rooms. Group agreed to try out reading prior to sleep for the next week. Group will follow up at that time to see if there were any observed differences.

- Group viewed and discussed a photograph guide found on social media of a then 17 year old Helen Konek from 70 plus years ago in Inuit traditional dress descending into a large igloo her father built. Guide had looked up the photographs location or Arviat, Nunavut, a predominately Inuit hamlet in Canada. Group discussed igloos, the construction of, and living in such a climate.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Oldest and middle students chose to purchase two different versions of a world map to display in their rooms.
- Group discussed Arviat, Nunavut in Nunavut, Canada.
- Student used maps and other resources to navigate local roads to a local bookstore and, later, the martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued to discuss nutrition, movement, sleep and self-care. Group brainstormed options for increasing quality sleep and put an experiment into place (i.e., read prior to falling asleep rather than use screen).
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., exploring local bookstore).
- Student also participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Apple playlists in car, music played in bookstore, music accompanying online videos/games).

2-28-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, patterns, stats, online currencies, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, Mine Craft building and creating).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings for ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., Mine Craft) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Oldest and middle students chose to work together on building and creating in a shared Mine Craft world. Students continued to work on building homes created out of chosen organic materials (i.e., different types of wood, metal, stone, glass); decorate said homes with organic materials, plant life, fire lights, animals (i.e., aquariums, axolotls, fish, dogs), crafting tables, bed, art, storage trunks for resources, etc. Students also worked to create farming areas, collect seeds, fish and explore water resources, domesticate animals, and mine materials or elements of the periodic table available.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Oldest student chose to hang their

world map on a prominent wall in their bedroom. Other students and guide viewed it when entering the room.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify, music accompanying online videos/games).

ENRICHMENT

- Student continued not to be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Guide purchased tickets for the family to attend a future live performance through Pittsburgh Cultural Trust's Children's Theater productions titled "Big Bubble Bonanza."

3-1-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection; online research & videos; current online selections; orthodontist and Invisalign literature on hard copy, video and app).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages; discussions with orthodontist and practice staff).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters; identify story elements of existing compositions or story lines).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, dimensions of mouth; angle and placement of bands and brackets; addition/subtraction/multiplication/division; calendar for 12 week in person orthodontia scheduling and weekly scans performed at home; computer science; set up with iPhone camera, scanning equipment, and 33 Invisalign aligners).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; scanning Invisalign aligners to access movement of teeth and goodness of fit). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate time needed to get ready, commute, and get to first orthodontist appointment on time for same day appointment; to learn how to download and access Dental Monitoring app as well as how to properly scan measurements of current aligner).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to use monthly money received for horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, calendar, Dental Monitoring app).
- Student continued to use measurement in cooking (i.e., to make own lunch) and other practical situations (i.e., to measure movement of teeth using Dental Monitoring app, iPhone, current aligners, scanning equipment, and mirror).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide attended student's first orthodontist appointment where student's place holding brackets were adhered to student's teeth. Student was then remeasured and given their first aligner to put in their mouth. Student learned and experimented with removal and insertion of aligner as well as tools to assist in proper fit. Student then worked with orthodontist staff to download their Dental Monitoring app and practiced the weekly scanning procedure student will perform on their own to measure their teeth's movement. Student will then upload the scans to the orthodontist office where the scans will be evaluated to determine whether it is time to transition to the next aligner or remain in the current aligner for another week. Student was given 33 of the 37 aligners to take home along with scanning equipment, a points reward card, literature explaining what was discussed, and a bag to keep everything in.
- Group discussion around same day weather, changes in season, date spring would start (i.e., Monday, March 20th), and upcoming events in March (i.e., daylight savings time, St. Patrick's Day, oldest student's belt test, guide's father's death anniversary).
- Group discussion around orthodontist and Invisalign upon oldest student and guide's return home. Younger students asked to see the equipment and aligners oldest student returned home with. Group discussion around daily living with aligners in, additions to dental hygiene, length of treatment time, and process oldest student would go through (i.e., scanning at home, changing aligner if prompted, 12 week in person appointments). Younger students verbalized their thoughts and preferences for their own treatment if they needed any in future (i.e., middle student would like Invisalign, youngest student would prefer braces with colorful rubber bands).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate local roads to the orthodontist office.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Orthodontist discussed nutritional suggestions during Invisalign treatment including encouraging water consumption as it is the only beverage student can drink with Invisalign aligners in mouth.
- Student continued to learn about the human body, at a level appropriate for their age and ability. With student's appointment at orthodontist, same day focus was on dental health, teeth, tongue, airway, and visual models of various types of orthodontia tools. Student also was able to observe other minors having braces or Invisalign treatments in communal area of the office.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., random Apple music suggestions).

ART

- Student continued to use an Apple pencil, drawing glove, iPad and Procreate app to create original digital artworks.

3-2-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online content selections).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; online streaming content; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, notes, patterns, angles, tempo, computer science, crocheting; chemistry, ounces, formulas for hair color choices).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; crocheting). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, distance, parking spot sizes/availability, cost of parking, cost of hair salon appointments, tipping at 20%).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, calculator).
- Student continued to use measurement in cooking (i.e., made own meal) and other practical situations (i.e., to determine length of hair to cut).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student, guide and stylist discussed chemistry and math behind hair coloring and specific individual formulas created for student and guide. Student noted differences in processing times, toner use, and final results on student's hair (i.e., infrequently treated) versus guide (i.e., treated for years).

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate local roads to local hair salon in Cultural District of downtown Pittsburgh. Several roads required alternates due to construction.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student and guide discussed how their current hair salon chooses a non-profit in the community to support financially and with increased exposure each year. Hair salon also provides the community with a lending library created and maintained by a salon client; discounts for medical and military individuals; free beverages for certain appointments; promotions throughout the year; and options to assist the salon in financially supporting a local non-profit. Guide let student know the salon would be closing April 1st.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Student and guide discussed homelessness and possible drug interactions observed downtown.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Discussed hair as humans age.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple playlists in car travels, specific songs student searched for in Apple Music).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to use a variety of previously purchased yarn to crochet fingerless gloves for themselves.

3-4-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, notes, tempo, pitch, angles of bow, metronome, money, calendar).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., using methods taught in individual violin lesson to accomplish/reach musical milestones).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, metronome).
- Student continued to use measurement in cooking (i.e., to cook own meal).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student experimented with the science of sound in their individual violin lesson.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to music studio and musical

instrument store.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Focus on fine and gross motor skills associated with playing the violin and balancing the bow.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., their dad's playlists during car travel).
- Student continued to attend or perform in live performances. Student observed violin instructor's live performance during individual lesson.
- Student continued to have the opportunity to pursue their own musical interests with violin private lesson. Their instructor reminded student of their upcoming March 11th violin group class following next week's individual lesson. Student was given additional musical piece to play and prepare for the group class.

ART

- Student created art through music.

ENRICHMENT

- Student and their dad traveled to musical instrument store following student's weekly individual violin lesson to return middle student's rental cello. Student informed guide the store told student and their dad about a rental credit that could be used in the next 30 days to purchase an instrument of the family's choice. Student proposed the idea of purchasing a violin for their continued violin study. Guide and student's dad will discuss and follow up with student.

3-5-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online content, Carnegie Science Center's Viking Exhibit materials, Carnegie Science Center's Mars exhibit materials; CSC human body, robotics, water, local animal, earthquake, time exhibit materials).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages; interactive, auditory and video exhibits at Carnegie Science Center; discussions and interactions with science center employees).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, speed, height, weight, gravity, distance, earthquake measurements, money, computer science, robotics, the Richter scale).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; robotics, Vikings' timeline, differences between Mars and Earth). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculate when Vikings traveled and existed on the Earth; translating time from digital to Roman numerals to military time to sign language).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses; used budget set to choose science center gift shop items; ordered own lunch at science center cafeteria).
- Student continued to use mathematical concepts in free play (i.e., crocheting, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, interactive exhibits at CSC).
- Student continued to use measurement in practical situations (i.e., to compare various amphibians, reptiles, fish and insects in CSC local habitat exhibits).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group travel to local Carnegie Science Center to visit traveling Vikings exhibit as well as new Mars exhibit and other science center exhibits in the building that students were drawn to (i.e., local habitats and creatures; water, rainfall distributions, plumbing, environmentally friendly practices; the human body, Mars, robotics, earthquakes, circuits, outdoor submarine, cafeteria, gift shop, etc.).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group travel through Pittsburgh to the Carnegie Science Center. The science center exhibits included a visiting Vikings exhibit with maps, artifacts, artwork, weaponry, a ship replica, common attire and jewelry. Stories, interactive exhibits and reading materials also described and compared Mars versus Earth. The retired military submarine docked in the water beside the science center was not yet open nor was the miniature train set up that depicts Pittsburgh and its surrounding areas. A documentary on Ireland was being advertised with written, visual and audio media in the center.
- Student used maps and other resources to navigate local roads on a family outing to the Carnegie Science Center.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Students continued to expand their understanding of the history of Vikings; Mars, the Earth and space travel; state flora and fauna; earthquakes in New Zealand, Chile, and San Francisco; diving history and U.S. military history with the retired USS Requin submarine docked in the river beside the science center.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Students continued to learn about the federal governments involvement in the U.S. military branches.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion around nutrition and the significance of movement.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Students explored the science center's Body Works exhibit learning more through the interactive displays (i.e., a large display screen superimposed the human skeletal system, the muscular system or the circulatory system depending on the viewer's choice).

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking and exploring all floors of the Carnegie Science Center; running).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., existing playlists, musical accompaniment to online games/videos, music heard in the science center exhibits).

ART

- Student chose to bring their yarn and crocheting tools while traveling to the science center to continue their fingerless gloves crochet project.

ENRICHMENT

- Students requested to return to the Science Center again in the near future. The USS Requin submarine exhibit is due to open the following weekend weather permitting and students requested to walk through once it is open. Students reported looking forward to the CSC Fab Lab 101 workshop on 3D Printing scheduled for April 14th.
- Guide followed up with student's individual violin instructor via email to request to reschedule student's March 18th individual lesson. Student will be participating in Pittsburgh Circus Center's Bungee Exercise class on the 18th. Violin instructor rescheduled this class to Monday, March 20th at 3 p.m.

3-6-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, money, angles, force, speed, 360 degrees).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; angles, speed, force of new patterns and movements in martial arts). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating time and schedule in order to get ready, travel, and arrive on time for same day appointments and class).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., crocheting, Mine Craft) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., distance between self and opponents during sparring at martial arts; angle of arm and angle of equipment during 360 deflection moves in martial arts).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with movement, speed, force, pressure and height during martial arts class. student worked individually, as part of a dyad, and as part of a larger group to practice punches, elbows, kicks, combination patterns and stretches than joined others on the black belt track for sparring, weapons work, and sticks.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SAFETY EDUCATION

- Student continued to learn about personal safety with the self-defense portion of martial arts.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student continued to discover side effects of martial arts class including bruising, fatigue, increased muscle mass, and soreness.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (playlists, dad's playlist in car travel, playlist accompanying martial arts work).

3-7-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, current online selections).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; streaming content; discussing meaning of English words, context for use, and differences in other languages; discussions with BJ employees).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, clothing sizes, money, tax, addition/subtraction/multiplication/division, BJ store self-checkout system).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; self-checkout systems). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., total cost for grocery store purchases).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of monthly money received for horse expenses). Student earned additional money babysitting youngest student while guide took middle student to an appointment and students' dad was working from home.
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to determine best fit for clothing for self).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide attended monthly equine vet appointments for guide's and student's horses. Student observed guide's horse receiving his monthly joint/arthritis vaccine. Vet followed up with student about their observations of their horse's left eye.

- Student experimented with self-checkout system at local BJ store and was able to quickly figure out store's system. Student, youngest student and guide explored produce, food items, and clothing options at same BJ location.
- Students and guide also traveled to boarding barn to care for oldest student's and guide's horses (i.e., grooming, hoof cleaning, stall cleaning, aisle area clean up, watering and feeding).
- Student continued to work with the family's household pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Group discussion around national and international travel locations.
- Student used maps and other resources to navigate local roads to travel to boarding barn and local BJ's store.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking, running, hoverboarding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.

3-8-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online selections).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, summarize story elements in existing compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, money, degrees, speed, distance, addition/subtraction/multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., research current outdoor temperature to determine appropriate attire).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing, crocheting) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., cooking for self) and other practical situations (i.e., to measure yarn and crochet size needed to make fingerless gloves for self).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student was to begin scans of their Invisalign aligners using the equipment and app provided by the orthodontist office. Student did not receive scan prompt through the app. Guide will follow up with orthodontist office.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to boarding barn and local martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.

ART

- Student continued to purchased yarns to learn crochet stitching to create fingerless gloves.

3-9-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection; online research & videos; online articles on weasels present in PA as well as the Fisher weasel).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming selection; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, money, current Fisher weasel population in PA, addition/subtraction/multiplication/division, tempo, notes, patterns, distance, speed).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating total cost of items purchased at the local saddle store).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses; continued to apply additional money earned with work done within the home to savings or spending as student sees fit).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, calculator, observed use of cash register).
- Student continued to use measurement in practical situations (i.e., to determine best fit of halters and fly masks for draft x appaloosa cross horse).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to conduct online research into weasels that reside in Pennsylvania, particularly Western Pennsylvania, after guide described a siting on the previous day while traveling by car on local roads with middle student. Based on guide's description, student found images and articles on the Fisher weasel. Student reported the Fisher weasel had

become extinct in PA, but after ongoing efforts, has begun to see a resurgence in its Pennsylvania population. Sightings are more rare and guide felt excited to have been able to view one close to their family's neighborhood. Information found was shared with younger students.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide discussed horses and horse stories including the locations of student's past riding competitions and guide's past time in Austin, TX.
- Student used maps and other resources to navigate local roads to travel to Shady Acres Saddle store.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student and guide discussed some of the history of horses and horseback riding in the United States as well as the continuation of the role of horses in communities such as the Amish where guide's horse had lived prior to coming to Pittsburgh.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Continued ongoing discussion around skeletal and musculature systems in the human body as well as in a horse.
- Group discussion around the observable progress guide continues to make with their fractured right wrist.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., existing playlists, guide's playlist during car travel, randomly generated Apple music also played during car travel).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

3-10-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., online content; online research & videos, violin book, Sakuraco subscription box literature).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming content; discussing meaning of English words, context for use, and differences in other languages; reading the English translation of Sakuraco Japanese subscription box; conversations with Learning Express employees and fellow shoppers).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; identify story elements in existing compositions).
- Student read literature provided in their monthly Japanese Sakuraco subscription box that includes descriptions of the food items included (i.e., flavors, ingredients, common uses/times/places eaten in Japan); some Japanese cultural information (i.e., celebrations associated with the foods, how individuals eat these; areas of Japan known for certain foods, skills, artistry); and the context and meaning behind the included household gift.

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, calendar, measures of time, tempo, patterns, notes).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating practice time necessary to cover violin practice assignments).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses; continued to spend or save money earned with certain work within the home).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., creating avocado spread for toast for self) and other practical situations (i.e., determine size of household item included in Sakuraco subscription box and placement in bedroom).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to experiment with authentic Japanese snacks and food items delivered in their monthly Sakuraco subscription box. Student read the provided literature with Japanese writing and English translation. Student also chose to use translation app on their iPad in attempt to view English translation of snack packaging.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student continued to increase their knowledge of Japan through the contents of their monthly Sakuraco subscription box. Student read the included literature, experimented with the authentic food items, and learned more about the collaboration of the Sakuraco company with the current Japanese government officials to provide this authentic experience.
- Student used maps and other resources to navigate local roads on an outing with guide.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student read the literature included in their monthly Sakuraco subscription box about Japan. Discussions evolved out of this reading around Japanese government's role; the topography of Japan; a recent online article guide read about attempts to sell abandoned rural homes to citizens in Japanese cities and the country's population history of migrating to cities.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Discussion of general ways in which local, state, and federal government involvement in U.S. citizens lives.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires.
- Student and guide experienced a mall power outage during travels and discussed safety concerns and options for exiting said mall when backup generators did not provide power.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion around significance of movement and nutrition. Student chose to make avocado toast for themselves and increased movement during errands with guide.

- Student continued to learn about the human body, at a level appropriate for their age and ability. Discussion around the significance of sleep on physical energy levels and mood as well as the ability to identify individual needs and self-care options.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking, running, climbing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists, random Apple music songs during car travel).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to use the Procreate app, a drawing glove, and Apple pencil to create original digital artwork.

ENRICHMENT

- Student received their second installment of their monthly Japanese Sakuraco subscription box.

3-11-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book, written documents offered at group violin class).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., group and individual violin class; listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming service; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters; observe story themes in writings and summarize for guide).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, tempo, patterns, angles, metronome, calendar, money, distance, speed).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; tempo and pattern playing with group violin class). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating daily schedule with multiple classes and time in between; tempo and pattern playing for the first time with group ensemble in same day group violin class).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of monthly money received towards horse expenses; money earned from additional work within the home could be spent or saved according to student's wishes).
- Student continued to use mathematical concepts in free play (i.e., violin lesson & practice; artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., fit of violin with shoulder piece).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and individual violin instructor experimented with new techniques and musical

milestones for student during same day individual lesson time. Student returned later that afternoon for group violin class taught by same instructor where students played additional pieces as an ensemble, in solos, and as a round. Student shared that their instructor had discussed an opportunity for the group to perform at a concert in May 2023.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and their dad noted the closure of a restaurant they liked while looking for a lunch spot. Together they researched it online and found that all locations in the Pittsburgh area have closed.
- Student continued to learn about the national and international locations from which the violin compositions played in individual lesson and group class originated.
- Student used maps and other resources to navigate local roads to travel to a local music studio, a lunch location, back to the music studio and return home.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student continued to learn about some of the history behind the musical compositions they play in individual violin classes.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion of significance of movement and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student continued to learn and discuss the impact of sleep and quality of sleep on the human body.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists, Spotify, their dad's playlists in car travel).
- Student continued to attend or perform in live performances. Student participated in both same day individual violin lesson and group class where they performed a solo, listened to other students perform solos, participated in performing and listened to others perform live.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student created art through music.

3-12-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, ongoing online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., handwritten note to guide; listening to different genres of music; singing; group and individual discussions; online research and videos; listening and discussion with equine bodywork professional; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters; discuss story elements of existing compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, money, payment for same day equine bodywork, calculating a 20% tip, calendar for next appointment on 8 week rotation schedule).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; tips as a percentage of total paid dependent on satisfaction with service). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating a 20% tip for a $100 service).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, calculator).
- Student continued to use measurement in cooking (i.e., banana bread recipe) and other practical situations (i.e., to create pattern for rabbit ear art project).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student observed overly rip bunch of bananas then chose to conduct online research on banana bread recipes. Student gathered necessary ingredients; measured out what was needed; mixed dry and wet ingredients; preheated the oven; baked and cooled the created

banana bread; and left the finished, covered product out with a sweet note to guide.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student, guide and equine bodywork professional discussed different horse habits that seem most common in different areas of the United States (i.e., bodywork professional noted shorter hooves in her work in California versus longer hoof tendencies in her work along the East Coast).
- Student used maps and other resources to navigate local roads to travel to family's boarding barn as well as later to a local craft store.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student and guide continued ongoing discussion of current events as well as some historical events (i.e., WWII).

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Continued discussion around the legal requirements to change an individual's name in PA. Discussed the local court system as well as differences in process depending on reasons for name change (i.e., Pennsylvania's process for changing name due to marital status).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued discussion around nutrition, eating out versus making food at home, and the significance of movement. Group discussion around the significance of movement for horses as well.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student and guide discussed the reported temperature and dressed appropriately for cold outside exposure during their work with their horses. Student observed their raised temperature when working or increasing movement. Guide noticed their own experience with the cold weather and snow at the barn.
- In late evening guide was involved in an accident with their own horse. Group discussion around the accident; treatment options for observed symptoms (i.e., ice, elevation, rest for swelling, bruising, pain, immobility); and medical options for treatment (i.e., ER, MedExpress, contacting new PCP). Group agreed to reschedule next day appointments so that guide could be driven to local hospital for x-ray.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student joined guide at their boarding barn to groom and graze their horse as

well as attend a same day bodywork appointment.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., musical accompaniment during car travels).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student traveled to craft store to purchase fabrics and fabric paint pens in order to work on a planned art project. Student began the project by creating a digital drawing of a pattern they would like to create with their purchased materials. Student next measured and cut their fabrics to match the pattern. Lastly, student used their fabric paint pens and scissors to shape and create definition on their rabbit ear project. Student modeled their rabbit ears and tail for guide and student's dad.

ENRICHMENT

- Student continued to explore various research and learning modalities as well as demonstrate independent/critical thinking skills. Student and guide continued discussion around legal process for name changes; potential reactions with extended family; and what a name means (i.e., a way to express oneself, a personal choice that best describes self to the world). Student was able to voice thoughts around these topics as well as where they are presently at in vocally supporting themselves in their identity journey.
- Student participated in meeting with an equine bodywork professional who will be working with student's and guide's horses on an eight week ongoing schedule. Student offered their observations and experiences with their horse. The equine professional offered student a detailed explanation of the reasons for her work, the anatomical structures she was working on, the muscles she would be massaging, and options for student to work with their horse in between appointments.

3-15-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, signs/written documentation at Premier Martial Arts).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, create background context/stories for hand drawn characters, discussion of story elements from other compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, dates and calendar, age, qualitative parameters for events/classes).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; qualitative versus quantitative data). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, future events schedule/cost/calendar; notes/beats/patterns in music, pitch, money)
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own monthly money received; use of PayPal to purchase online resources; calculating resources desired, money received, and money needed).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student ended first week with orthodontia treatment (i.e., Invisalign) and searched the dental app used for weekly scans that student performs, uploads, and waits for orthodontist office response to determine ongoing treatment options. Per prior conversation with orthodontist office, student is to complete weekly scans Wednesday evening with equipment and app provided on 3/1/23. Student asked to wait until next day by 12 p.m. in case scan invitation is late in arriving. Guide agreed.

- Group discussion of seasonal allergies in both animals and humans as well as observable symptoms and common treatments.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads with their dad to first travel to a Tractor Supply store location to purchase horse feed/care items and then to travel to their bi-weekly martial arts class at Premier Martial Arts.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group discussed current events including news articles on recent kidnappings in Mexico; Texas governor's warning against travel to Mexico; and guide's upcoming birthday and proposed travel. Group agreed to consider additional options for travel.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Ongoing discussion of impact of movement on the human body.
- Group discussed how both younger students had lost primary teeth in the last week. First, the middle student had lost a primary tooth with a crown then a second primary tooth directly beside the first lost tooth (i.e., both bottom left). Second, less than a week later youngest student lost a primary tooth with crown which happened to be the same tooth middle student lost as well. Group discussed loss of primary teeth, eruption of permanent teeth, predictions orthodontist had made for younger students (i.e., they would lose several teeth in next 6 months), and possible orthodontic work younger students may experience.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., playlists, Spotify app, musical accompaniment to online videos/games/apps).
- Student continued to attend or perform in live performances. Student mentioned an opportunity for a live performance at an upcoming student concert in May 2023 that was mentioned at their instructor's group violin class on March 11th. Guide will follow up with both student and instructor.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Guide discussed rescheduling student's ongoing weekly individual violin lesson from the usual time of Saturday at 1:30 p.m. to the alternate Monday at 3 p.m. slot (i.e., Saturday, March 18th at

1:30 p.m. will be rescheduled to Monday, March 20th at 3 p.m.) to accommodate for Bungee Exercise Class on Saturday, March 18th at 2 p.m.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student showed their finished sound canceling headphones to guide and student's dad. Student had used paints, headphones and painting tools to paint sky and clouds motif on their headphones.

ENRICHMENT

- Individual and group review and reevaluation of Natural Learning Goals 2022-2023 to date. Guide found options of:
  (1) Dreams Of Hope's art and nature events with LGBT community and their allies,
  (2) Carnegie Science Center's science learning labs with focus on 3D printing as well as basic circuitry and soldering,
  (3) Pittsburgh Glass Center's teen class/workshop options to learn glass blowing and firing,
  (4) Carnegie Science Center's SkyWatch planetarium and observatory program,
  (5) GymSport's parkour and ultimate warrior classes.
  Student requested to register for outdoor adventure event (1), circuitry workshop (2), teen glassblowing workshop (3), and SkyWatch program (4). Guide followed up and did so.
- Student also requested to attend the local gym with guide once guide is medically cleared to do so.

3-16-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Spotify new music playlists; practicing and explaining violin to guide).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to figure out best online search queries to garner desired results; wrote messages to international online student friends; explain several compositional elements of background gaming stories to guide to set context, explain characters, point out story arcs & primary protagonist/antagonist).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, location coordinates, direction, speed, numbers of resources).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; GPS coordinates, NSEW compass directions). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., notes/beats/patterns in music, pitch, money; distance, inches, feet, yards; timeframe from current day to martial arts belt test).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of monthly monies received as well as additional income from jobs performed within family home).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing, Mine Craft) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student offered to show their current Mine Craft world to guide. Student explained aspects of the world including mining; iron deposits and uses; their composting site, the use of gardening to grow wheat, the uses of wheat, the life cycle of wheat from seed to harvest, animal husbandry, architectural options, building materials, corn flower plants; water sources and properties; location coordinates, weather, and the elements of the periodic table found in mines.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.
- Guide and student discussed same day farrier visit at boarding barn for their horses. Continued ongoing discussion on horse anatomy, hoof health, and observations of their horses movement/flexibility.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide discussed the similarities in their world to real life geographical locations.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Guide and student discussed guide's next day physical with a new PCP. Continued ongoing discussion on a proactive approach to health and medicine.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussion around guide's recent accident with their horse that resulted in a swollen, painful and bruised right ankle/foot. Student agreed to remain at home while farrier worked with horses due to guide's inability to drive and lack of mobility.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Spotify app).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. As student practiced their violin they explained what they were doing; the reasons for the way they held the bow; the length of the bow touching the strings and its impact on the sound; the notes they were playing; the tempo they were attempting to follow; and the methods their instructor taught them to start and stay in tune.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student shared their architectural and landscaping creations in a Mine Craft world they share with younger students.
- Student created art through music while practicing violin.
- Student showed guide the original painting artwork they had done during the previous night on their sound canceling headphones (i.e., clouds and sky).

ENRICHMENT

- Student discussed their thoughts about caves with guide. Guide will research local options to explore (i.e., Laurel Caverns) and follow up with all students.
- Guide followed up via Dental Monitoring app with orthodontist office.

3-17-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos; signs/written documentation at USC Rec Center and Rec Center pool; orthodontist app and scan program; sheet music and practice app).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; practicing violin).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to figure out best online search queries to garner desired results; write messages to international online student friends; notice and describe the organization of story lines for online game series).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, location coordinates, compass, percentages, depth, inches and feet, addition/subtraction/multiplication/division, geometric shapes).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments/activities, notes/beats/patterns in music, pitch, money, distance, inches, feet)
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of PayPal to conduct online purchases).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing, Mine Craft, swimming at local pool in varying depths and with drag of whirlpool/lane) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking and other practical situations (i.e., student's height versus depth of pool areas).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, group discussions, group experiences, and reading. Student, student's siblings and their dad traveled to local rec center indoor pool to swim and play. Students observed differences in swimming abilities and height of water as measured against selves as compared to previous visit. Students enjoyed testing force required to extract selves from inside various locations of the pool's active whirlpool.
- Student and siblings chose to work together to collect needed resources, build needed structures, and grow both animals and plants in their Mine Craft world.

- Student and guide discussed the cost and benefits of pet ownership, both generally with small/large animals and specifically with dog ownership. Guide found an online news article written by a physician for the Times discussing the impact and scope of canine ownership versus medical interventions.
- Student conducted weekly Invisalign orthodontic scan with provided scan equipment and guide's iPhone. Student uploaded scans to orthodontist app. Will wait for response on next steps in treatment.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.
- Guide described to group their same day doctor's appointment with new practitioner. Guide described the comprehensive care they received including a COVID booster, EKG, pulse ox reading, blood draw for Galleri cancer screening test, supplements received, hearing check, etc. Guide will continue to research and search for pediatric practitioner.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Students returned to local rec center after a lengthy time away.
- Students also offered observations of topography in different Mine Craft worlds then compared the biomes to similar real world examples (i.e., mountain ranges, oceans, lakes, rain forests, deserts, cold snowy climates, tropical areas, etc.).
- Student used maps and other resources to navigate local roads on outing to USC Rec Center's indoor pool.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussion of same day St. Patrick's Day celebrated by individuals locally, countrywide, and across the world.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires.
- Students were also reminded of water safety while at the local rec center indoor pool.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Group chose to participate in swimming and pool play to increase movement.
- Group continued to discuss consent and physical contact; the impact of words on others; and reading your audience.
- Student continued to learn about the human body, at a level appropriate for their age and

ability. Continued ongoing discussion around human development, puberty, and the human reproductive system.

- Student conducted weekly Invisalign orthodontic scan with provided scan equipment and guide's iPhone. Uploaded scans to orthodontist app. Will wait for response on next steps in treatment.
- Guide described to group their same day doctor's appointment with new practitioner. Guide described the comprehensive care they received including a COVID booster, EKG, pulse ox reading, blood draw for Galleri cancer screening test, supplements received, hearing check, etc. Guide will continue to research and search for pediatric practitioner.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Students chose to travel to local rec center indoor pool to swim and play.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Spotify playlists, music on iPad/PC games, soundtracks for tv shows, existing Apple playlist, students' dad's playlist with focus on bass).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Student practiced their violin.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student utilized drawing glove, Apple pencil and Procreate app to create digital drawings online.

ENRICHMENT

- Student continued to explore various research and learning modalities as well as demonstrate independent/critical thinking skills. Student was able to describe goals created for themselves to increase health and well-being. Student demonstrated independent and critical thinking with the pro's and con's of their choices as well as by noting the differences in their lifestyle and others. Student also described both the positives and challenges of current homeschooling lifestyle (i.e., a plethora of experiences, experiences with loneliness).
- Student continued not be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Individual discussion of next day bungee fitness class at local Circus Center.
- Student and guide also discussed horse care and possible schedule for weekend barn trips.

3-18-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection; online research & videos; closed captioning with online videos; signs/written documentation at Pittsburgh Circus Center; signs and product descriptions at Whole Foods; recipe, road signs, GPS).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussions and listening to individuals and instructor at Pittsburgh Circus Center as well as Whole Foods).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; learning pronunciation and increasing vocabulary through interactive discussions as well as reading).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division; angles, pressure, weight, rotation, cause and effect, motion with bungee fitness class).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; second bungee fitness class). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes/beats/patterns in music; pitch, money; distance, size, pounds, ounces, inches, feet, yards; quantity of ingredients required to make zucchini bread).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., using PayPal to make own purchases online).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing, bungee fitness class, baking) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., zucchini bread) and other practical situations (i.e., to determine size/measurement of harness and bungee length in fitness class; to determine halter fit for horse; to determine own height/weight as compared to stated limitations for bungee fitness class).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading.

Student experimented with participation in second bungee fitness class. Instructor described height/weight requirements; the physics behind the bungee cord, harness, daisy chain and carabiner set up as well as the when students move, torque, rotate and use the force, inertia, pull involved with the bungee cord).

- Student chose to research and experiment with zucchini bread recipes.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community through travel, maps, and stories. Student traveled to an area of their community they had only been to twice to participate in a bungee fitness class at the Pittsburgh Circus Center. Student traveled from there to the local Whole Foods afterwards to obtain ingredients for a baking recipe.
- Student used maps and other resources to navigate roads and local outing. Student and student's dad used GPS to travel to Pittsburgh Circus Center, Whole Foods, and return home. Student had been to the community around the Circus Center for the second time.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Student learned about bungee fitness safety.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Student continued to describe their plans for increasing overall wellness with nutrition, movement, exercise and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student learned about the use of a fun, joyful bungee fitness workout where the student felt like they were "flying." The music, the social aspect of the group workout, as well as the playful component of the bungee provided a workout that was easier on human joints, fun, and great cardiovascular exercise.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in a bungee fitness class at the local Pittsburgh Circus Center.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music. Student's bungee fitness instructor paired the movements of the class with music.
- Student also continued exposure to recorded music with their Spotify app, music accompanying Ipad/PC games, and musical soundtracks on student's streaming TV shows.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio. Student's individual lesson was rescheduled to Monday, March 20th in order for student to participate in bungee

fitness class.

- Guide continued email with student's individual lesson instructor in an attempt to set up a time the instructor could accompany student and a parent to the musical instrument store to purchase an appropriate violin for student.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student participated in bungee fitness class that involved choreographed movements with the group creating a dance like exercise routine.

ENRICHMENT

- Student received a progression video illustrating movement in their teeth to date through the orthodontist app. Student read messages sent and other aspects of the app to find that they could advance to the next Invisalign retainer set (i.e., set 2 of 37).
- Student continued not be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Student participated in second bungee fitness class at Pittsburgh Circus Center. Instructor reminded class that the bungee fitness is offered bimonthly at the center. Student continued to express an interest in continuing participation in this class.
- Guide informed group of planned next day activity, The Bubble Bonanza performance, at Byham Theater in downtown Pittsburgh. The performance is led by Guinness Book of World Records-holding, master bubble wrangler Jeff Boyer. The program is described as an interactive experience with big bubble rainbows with people inside; audience members can make volcano bubbles; and gigantic bubbles that will blow their own bubbles. There will be comedy, music, and interactive bubble-magic to engage all ages over a 55 minute performance. As Pittsburgh Cultural Trust members, students, guide and their dad can choose to remain after the performance to meet and talk with performers then receive bubbles to take home.

3-19-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, signs/written documentation at Rolling Hills Ranch, road signs; song titles and song lyrics).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; texts with guide or other family members; online research and videos; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, observations of existing story composition).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, perspective, angles, computer science and art).
- Student mastered new topics as introduced (i.e., patterns, percentages/fractions, angles, perspective and graphing with digital drawing). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., amount of force required to clean horse's hooves; angle of horse pick for optimal leverage in removing mud, bedding, and rocks).
- Student continued to conduct their own financial transactions to a level appropriate for their ability.
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., food prep and cooking for self) and other practical situations (i.e., height of horse, height of rider).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student experimented with different hoof picking methods to find the most effective and comfortable (as observed by a decrease in kicking chosen leg and head throwing) for the horse.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student used maps and other resources to navigate roads on a local outing to Rolling Hills Ranch.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to attend or perform in live performances.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing.

ENRICHMENT

- Student continued to explore various research and learning modalities as well as demonstrate independent/critical thinking skills. Students used Uber Eats app to order food for themselves for same day evening delivery. Students could watch the local community map provided in the app to show where the driver is located in terms of the restaurant and the delivery address. When the order arrived, oldest student found an item in their order was short. Group worked together to rectify this by calculating how much of the item each member would need to give to oldest student to add up to the lost food. Group did so and all members were satisfied with the solution. Guide demonstrated how to use the app to notify Uber Eats of mistake and request assistance/refund.

3-20-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., online research & videos, signs/written documentation at Michaels Craft Store, violin book, local community recipe book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., reading texts, road signs; songs and song lyrics; listening to different genres of music; singing; group and individual discussions; online research and videos; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; observed and discussed themes of a story).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, musical tempo, pitch, angles, timing, patterns, notes).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin to achieve same day musical milestone).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money; budget and craft store shopping trip, product prices + tax + discounts to estimate total end cost).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., Michaels Craft Store shopping). Student and guide also discussed student using instrument rental savings towards their own violin. Discussed with student's violin instructor and set up day/time where instructor will accompany student and a parent to the instrument store to look at options and offer recommendations for student violin.
- Student continued to use mathematical concepts in free play (i.e., violin practice, prepping for crafting, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in cooking (i.e., to consider ingredients for upcoming baking project of zucchini bread) and other practical situations (i.e., size of violin, length of arm, depth of tools to rest violin on chin and shoulder area).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student researched options found in kitchen for zucchini bread recipe including a printed out recipe shared by a paternal aunt and a local community recipe book published /sold to raise money. The recipe book includes directions for student's paternal great-grandmother's zucchini bread. Student stated they will use the recipe from the book when they attempt their first zucchini bread solo effort.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.
- Guide and student discussed common wildlife for current area including the White Tailed Deer. Guide shared a screenshot from the backyard camera at 3 a.m. of a solo White Tailed Deer crossing the yard close to the house.
- Student experimented with various bow angles and pressure as well as length of bow making contact with the strings of the violin to observe differences in sound.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide traveled to a local craft store, discussed upcoming plans to travel to Pittsburgh Creative Reuse store for the first time, traveled to their local music studio, and returned home.
- Student used maps and other resources to navigate the local roads used in their travels.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student and guide discussed the remaining students experience with the letters "KKK" after younger students heard the letters used on ROBLOX game. Guide offered brief history of the extreme racist group in past and today. Student and guide continued to discuss systemic racism in the United States.
- Guide described their doctorate research study format (i.e., a photovoice quantitative study) and participants (i.e., both U.S. and international participants). Guide shared cultural information their advisor shared about some African communities. Student shared how they had found an individual online who reports they are from Africa and offers video and narratives to describe their culture and community. Student described how this individual addresses both supportive and nonsupportive comments to these posts as well as answers questions.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Student and guide discussed disposal of garbage practices in the United States, in some African

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued to discuss nutrition and movement.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Discussed differences student noticed in their own body

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student was to participate in the first of two martial arts classes for the week that focus on both martial arts and self-defense. Student's instructor canceled class due to illness. Guide attempted to reach out re: upcoming belt test for class.
- Student increased movement with craft store shopping trip, violin lesson, and horse care/feeding at the boarding barn.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music. Student and guide listened to both a playlist and random Apple selections during same day travels in car.
- Student continued to attend or perform in live performances. Student had the opportunity to listen to violin instructor play various violin and piano pieces during their same day lesson. Violin teacher also let student try out instructor's professional violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and various group classes at the local studio.
- Guide verified student was registered for summer lessons with who is to be their new violin instructor as of June 2023 due to current instructor leaving the studio. Guide also confirmed next Saturday, March 25th, after student's individual lesson as the day/time the violin instructor would accompany student and a parent to the instrument store to explore purchasing options for student's own violin.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student created beautiful art with music by playing their violin.
- Student also prepared for multiple art projects with supplies from a local craft store.

ENRICHMENT

- Student requested to try out archery lessons. Guide will research local options.
- Student and guide discussed national and local economy; inflation and its impact; changes in stock prices; and the combination of these factors on the family budget. Student listened carefully, summarized discussion, and offered potential ways to address family spending (i.e., demonstrated independent/critical thinking; decrease spending at upcoming and future holidays). Guide will follow up with other students not present.

3-21-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection; online research & videos).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; discussed meaning of English words, context for use, and differences in other languages; Spotify app).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, geometric shapes, compass, calendar for upcoming events, coordinates).
- Student mastered new topics as introduced (i.e., use of compass). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., student used coordinates and compass direction to determine where certain buildings or resources were in Mine Craft world).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to do designated work at home to earn monies towards monthly horse boarding expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, compass for drawing circles in artwork).
- Student continued to use measurement in cooking (i.e., cooking for self) and other practical situations (i.e., length of artwork hanging from ceiling, length of vines purchased for bedroom).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student explored world in Mine Craft observing and noting tree types, flowers, grasses, wildlife, domesticated animals, options for gardening/farming, elements of the periodic table to be mined, seeds, water sources, architectural options, building materials, and other resources.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Continued ongoing discussion of fire safety specifically around matches, candles and leaving lit candles burning alone.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion of participating in daily options that bring joy. Student chose to further decorate their bedroom with their original artworks, an essential oil mister, and flower vines from yesterday's craft store purchases.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music. While student used their PC they chose to use their Spotify app to play new music in the background.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student used paper, thread, folding and scissors to create a 3D collage hanging above their bed.

ENRICHMENT

- Group and individual discussions around the upcoming weekend and an invitation to join extended family in celebrating students' aunt's birthday as well as recognizing students' paternal grandfather who died March 30, 2012.

3-22-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book, recipes).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; streaming series; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English; continued to figure out best online search queries to garner desired results; write messages to international online student friends; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division, tempo, patterns, computer science, force, speed).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; pattern, speed, force, angles, and perspective in new martial arts/self-defense techniques). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating amount of time needed to eat, dress and travel to martial arts class).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e. zucchini bread recipe) and in other practical situations (i.e., individual heights in self and sparring partner and impact on techniques employed).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student participated in self-created experiment with martial arts class where student attempted to choose best fitting technique in instructor set up attack scenarios.
- Student chose to observe oldest sibling experiment with new VR experience. Through casting, student was able to watch oldest student try out the new VR experience on their own iPad. Oldest student was open to student requests as they navigating the new experience.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

- Student chose to attempt to replicate their paternal great-grandmother's zucchini bread recipe.

GEOGRAPHY

- Student used maps and other resources to navigate local roads in travel to same day martial arts studio.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Continued ongoing discussion of fire safety with focus on use of oven.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussion continued around guide's recent injuries (i.e., fractured wrist, injured ankle). Guide informed students they would be experimenting with elevation and decreased movement to observe the impact on their ankle swelling and pain.
- Student received a handmade beanie in nonbinary colors from etsy.com shop. Student modeled the beanie for guide and described accessories as form of self-expression that others who know what the color pattern signifies may identify with.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student continued to work on original artwork to decorate their bedroom.
- Student agreed to photograph their progress and finished zucchini bread recipe experiment.

ENRICHMENT

- Student informed guide that their upcoming belt test had been rescheduled following a class discussion from Saturday, April 1st to the next Wednesday, March 29th, during class time. Student expressed hope guide would be able to attend.
- Student and guide discussed additional experience opportunities guide had found. Guide described a nearby gym that hosts monthly Nerf War events where participants are 5+ years of age; can bring their own Nerf weapons or borrow a gym owned option; use the facilities provided by the gym to increase their proficiency with their weapons; and use Nerf ammunition provided. Student reported they would like to participate.

3-24-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, current reading of online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming selections; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends; note and summarize story lines for graphic novel/anime original characters; describe the backstory behind current VR experience).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction/multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculate costs of violins for sale as compared to the amount earned from rental instruments to date and any additional money parents will add to the budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability. Student continued to use monthly money received plus daily monies earned from small animal care towards ongoing horse expenses. Student is able to use money earned from occasional babysitting towards personal spending of their choice.
- Student accompanied their dad to a local bank branch to withdraw the amount of money needed for next month's horse boarding fees. If the boarding fees are turned in early on March 25th boarders receive a discount. Student agreed to do so with their dad.
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued weekly scanning of current Invisalign aligners; uploaded the scans to the Dental Monitoring app; and will wait for next step in treatment option from the orthodontic

office.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to a local bank branch, a rescheduled martial arts class, and the boarding barn the family uses for their horses.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student and guide discussed options for upset stomach treatment (i.e., OTC medicine, nutrition).

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense. Same day class was a makeup class for Monday, March 20th class.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Spotify, playlists, their dad's music during car travel).
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student continued to create original works in their digital drawing app, Procreate.

ENRICHMENT

- Student continued not be limited only to the above listed activities; rather throughout the year we will take advantage of whatever opportunities and resources seem appropriate at the time. Guide continued to conduct online research of community and teen events in next several months.
- Guide registered student and younger student for upcoming April 22nd Nerf Wars event at Gymsport.

3-25-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book, literature at Resonance Violin store).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming content; discussing meaning of English words, context for use, and differences in other languages; discussions with violin instructor and musical instrument store employees).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; observe and discuss others compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, tempo, metronome, angles, addition/subtraction/multiplication/division, violin size as measured by student's arm length, cost of violins, money, instrument rental credit for instrument store, distance, speed).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; musical milestones). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., calculating schedule given appointments; calculating cost of violin instrument minus the in store rental credit available; shopping within budget).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses; continued to apply money earned from babysitting towards wanted purchases or savings).
- Student continued to use mathematical concepts in free play (i.e., violin lesson, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., cooking for self) and other practical situations (i.e., to find best fit at violin store).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to travel to local musical instrument store to view and play violins in order to research which option would best fit where they currently are in their violin learning journey;

where they would like to progress to; what size instrument would best fit with their ongoing physical growth; what instrument would challenge and add to their abilities; which instrument their current instructor would recommend; the instrument that fit within the proposed budget; and which one they liked.

- Student observed and pointed out to guide and student's dad that the family trampoline in the backyard had been picked up by strong winds and tumbled into neighbor's yard. Student and their dad quickly went outside and retrieved trampoline moving it's ~350 lbs. back to family backyard. Group discussed weather, wind strength, physics of what happened, and repair that may be needed with trampoline repair. Students' dad showed group members a video of the trampoline flying through the air that was recorded by the backyard security camera.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student continued to learn about the place of origin for the violin compositions they play; some origins about past and current violins; and locations their instructor has or plans to travel to as a musician.
- Student used maps and other resources to navigate local roads to travel to a local musical instrument store, a local music studio, and car wash location.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student, guide and student's dad discussed differences in cost of violins using a Stradivarius violin as a most expensive violin on the spectrum (i.e., estimated $20 million for 1 unique violin of the 650 remaining Stradivariuses created by Antonio Stradivari in Italy).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student described how the various violins they tried out fit with their arm length and shoulder level.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to attend or perform in live performances. Student's individual violin lesson involved performing alone and in duets with their instructor.
- Student's instructor, student and student's dad traveled to a local music store, Renaissance Violins, to consider and listen to violin instrument options for student.
- Student continued to have the opportunity to pursue their own musical interests with violin

practice, private lessons, and group lesson classes at the local studio. Student added to this opportunity with the purchase of their own violin.

ART

- Student continued to use a variety of media to make creations of their own choosing. Student created art through music.
- Student also chose to use resin and recently purchased resin mold to create their own tic tac toe board, X's and O's. Once cured student will play with guide.

ENRICHMENT

- Student and guide reviewed guide's discussion with younger students around upcoming spring holiday. Student agreed to the idea of family celebrating the holiday in the same manner in which they had for previous years (i.e., egg decorating, small gifts/candy, egg hunt). Student requested to assist in prep for the egg hunt rather than participating this year.

3-27-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, online content, Stradivarius: History of the Stradivarius online article).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; streaming content; discussing meaning of English words, context for use, and differences in other languages; listening and speaking with martial arts instructor/classmates).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, calendar, angles, force, 360 degrees movements, money, height, patterns).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate force, percentage effort and distance when participating in martial arts sparing).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued to apply monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., horse care and grooming; digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., make own meal) and other practical situations (i.e., to judge distance between self and sparring partner; estimated weight of each family member).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to experiment with white strawberries and offered guide a taste test as well. Student observed that to them a ripe white strawberry tasted very similarly to a piece of fresh pineapple.
- Student requested to experiment with their strength by attempting to pick up each family member except guide due to current fracture(s). Student demonstrated their ability to lift

from 89 lbs. (several feet in air) to 225 lbs. (several inches).

- Group discussion on locations and systems of the human body as well as corresponding specialists to treat these (i.e., wrist fracture: orthopedic surgeon w/special focus on hand/wrist/shoulder; foot/ankle injury: podiatrist; hearing loss: ENT for medical symptoms and audiologist for medical equipment).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Guide and student discussed Antonio Stradivari who was reportedly born in Italy and the creator of Stradivarius violins. Guide's research found a $20 million Stradivarius violin built in 1719 yet available today playing like a new violin.
- Student used maps and other resources to navigate local roads to martial arts studio and boarding barn.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Student and guide discussed world and musical history using the online article The History of the Stradivarius and an article outlining the range of cost of today's Stradivarius violins (i.e., $20 million).

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Student timed a healthy lighter meal for 2 hours prior to their martial arts class.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student noticed their growing muscles as a result of extra movement and martial arts.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private lessons, and group lesson classes at the local studio.
- Student and guide continued to discuss historical and cost information around Stradivarius violins. Student stated their new violin is a Snow brand.

ENRICHMENT

- Student continued to engage in daily horse grooming and care with their own horse.

3-29-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; current streaming content; discussing meaning of English words, context for use, and differences in other languages; listening to martial arts instructor).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; read and discuss existing compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, multiplication/division, points, levels, online currencies, money, family budget, computer science, digital drawing, height, angles, force).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; martial). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to calculate amount of time remaining for each class member's turns in martial arts self-defense tests if each person was timed for 2 minutes per turn).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of monthly money received for horse expenses; option of earning additional money with work performed in the house).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., meal for self) and other practical situations (i.e., to determine the height of martial art kick).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student participated in second martial arts class of the week which was also designated as the class's belt test for the month. Class members ran through kicking combinations;

hit/kick/parry/deflection combinations; elbow defenses, self-defense responses, stick patterns, and sparring. Instructor informed students they would break boards when handed their next level belts at later date. Instructor offered feedback to all students with strengths and areas of continued focus.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including self-defense.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Continued ongoing discussion around nutrition, the significance of movement, and quality sleep.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Continued ongoing discussion around human skeletal system, guide's ankle injury, medical devices to provide support (i.e., boot, wrap, compression wrap), and medical scans (i.e., x-ray, CT scan, MRI).

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense. Student participated in belt test to advance from purple to blue belt.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., Apple and Spotify playlists).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to use their Procreate app to create original digital drawings.

ENRICHMENT

- Student's martial arts class and instructor had problem-solved options for this month's belt test due to changes in schedule with instructor out sick last week. Everyone had agreed to the belt test being held during regular class time today. Guide attended and was able to watch student perform all requirements for their belt test. Student, guide and instructor discussed student's progress over course of last 6 months or so. Student advanced to the next belt level (i.e., a blue belt) in the black belt program. Student and guide shared observations and experiences of belt test with rest of the group and students' dad. Younger students asked questions for clarification. Younger students shared what they had purchased for oldest student at Costco.

3-31-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming content; discussing meaning of English words, context for use, and differences in other languages; listening and discussion with equine bodywork professional).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; write messages to international online student friends; considered story lines for existing and recreated graphic novel/anime original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, points, levels, coordinates, color theory, addition/subtraction, multiplication/division, computer science).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; color theory). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time and calculating schedule given appointments; notes, tempo, pitch, patterns for violin practice; calculating outside temperature; measuring loft bed to confirm if it would fit in proposed bedroom space).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of monthly money received towards horse expenses; options to earn additional money through completion of specified work within the house).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., making own meal) and other practical situations (i.e., measuring height of loft bed as well as height of bedroom ceiling).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student conducted online research into Color Theory and took handwritten notes in their sketchbook of main points. Student defined color theory terminology and drew small

example sketches with notes as clarification for self. Student showed notes to guide as well as original artwork pieces, both hand drawn and digital drawings, as visuals of theoretical concepts put into practice.

- Group play and building in Mine Craft world with additions in landscaping, animal husbandry, farming, building shelters, mining elements, and searching out resources.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Continued discussion around guide's injured right ankle including sharing results from recent CT scan. Student assisted guide with travel to and from horse stalls to car.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., listening to existing playlists, Spotify app, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to use drawing pencils, markers and their sketchbook to create original drawings of existing anime characters as well as original animal drawings. Student also shared most recent digital drawings from their Procreate app. Student demonstrated a Procreate feature where an animation can be played to view a compilation of all the drawing work or layers the student used to complete a drawing. Student noted the time stamp tells them the drawing took 3 hours to complete though the animation is about a minute or two of footage. Student also went through their past library of works finding digital drawings of the same anime character, Venti, so that guide could view changes in the styles of the drawings as well as student's progression with their drawing skills.

ENRICHMENT

- Student requested to show guide reference pictures they had found on the Pinterest app while conducted online research into "cozy rooms." Student had created a digital line drawing to represent the layout of their current bedroom and planned to fill it in with their room ideas. Student brainstormed ways to create similar cozy looks in their room with existing furniture and with new items (i.e., floor to ceiling bookshelves handmade as a woodworking project

with their dad). Guide and student discussed family budget and timeframes for other proposed projects. Student agreed to begin by using existing furniture and rearranging aspects of their room. Student, guide and student's dad will come up with a timeframe for woodworking project.

4-1-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, points, levels, coordinates, percentages, currencies in online games, Fahrenheit, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., took own temperature to determine if current symptoms included a fever).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., to put loft bed together; digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., to determine if loft bed would fit in chosen space; to determine if bunk beds would fit in youngest student's room).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of student's current physical symptoms (i.e., sore throat, fatigue, upset stomach). No one else reported feeling unwell. Student used forehead thermometer to take their own temperature. Student was able to measure symptoms and rate higher today than last night. Student and guide discussed self-care, consideration of others' health, and whether or not to attend same day violin lesson. Guide followed up with violin instructor informing her student would not be attending. A missed lesson assignment will be placed on student's practice app.
- Group discussed the meaning of April 1st, common behaviors on this day annually (i.e., pranks), and agreement not to participate.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student's dad discussed the recent results of his comprehensive bloodwork and physical. Student's dad described the impact of genetics and lifestyle choices on his body with age.
- Continued ongoing discussion around guide's limitations with healing fractured wrist and ankle injury.
- Continued ongoing group discussion around self-care and proactive health strategies.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., assisted their dad with moving and rebuilding furniture).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., existing playlists).
- Student continued to have the opportunity to pursue their own musical interests with violin private lesson at the local studio. Same day lesson canceled by guide due to student illness.

4-3-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure and semantics in English; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, points, levels, coordinates, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of monthly money received towards horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in cooking (i.e., measured out pancake mix plus food dye) and other practical situations (i.e., to show guide distance between loft bed and ceiling).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and youngest student chose to each make colorful pancakes using pancake mix, water, primary color food dyes, bowls and mixing tool. Students attempted to mix the food dye colors to obtain additional colors. Student ended up with navy blue and youngest student a lighter blue/teal. Students' dad offered visual cues indicating it is time to turn a pancake or a pancake is done. Student reviewed cooktop safety with youngest student. Each student made the number and size of pancakes desired and served themselves.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to a weekly set appointment.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, specifically around cooktop safety.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices. Student and guide discussed alcohol and its impact on the human body; a description of a "high functioning alcoholic;" and specific examples of this within extended family.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Continued ongoing discussion around human development, relationships, and exploring self.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student's same day martial arts class was canceled for Spring Break holiday.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., new and existing Apple music; music accompanying videos and online games; Spotify).

ART

- Student continued to create original digital artwork with their Procreate app and Apple pencil.
- Student showed guide hand drawn pencil sketches they and youngest student had done together. Student reported they had sketched main body images and then youngest student added details and accessories.

ENRICHMENT

- Student and guide discussed next day's appointments including equine vet's monthly visit with guide's horse. Student and guide discussed concerns to inform the vet about before her visit (i.e., guide's horse's increased balance and joint issues as well as their right hip; student's horse's possible dermatological issue on left rear cannon/feather area). Guide followed up and texted vet with concerns.

4-5-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; current streaming selections; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, discussed story themes and parts in existing compositions).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, patterns, points, levels, percentages, dimensions of new fridge, online currency unique to each game/app, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to compare the dimensions of former fridge with new fridge).
- Student continued to conduct their own financial transactions to a level appropriate for their ability. Student continued ongoing use of monthly money received towards horse expenses.
- Student continued to use mathematical concepts in free play (i.e., cooking for self) as well as age appropriate math related media (i.e., PC and Ipad apps/games).
- Student continued to use measurement in cooking (i.e., measuring out/cooking frozen ramen) and other practical situations (i.e., dimensions of former fridge, new fridge and space where fridge is located).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussion of equine anatomy; past research middle student had conducted (i.e., horses can't burp or vomit; when obstruction occurs a type of tool is used to remove); colic in horses and treatment options; and personal stories about colic.
- Student and guide discussed previous day equine vet appointment and results.
- Group discussion around recent online scientific article describing scientists discovery of fossilized footprints in South Africa from a creature that would be similar to a crocodile and existed before dinosaurs. Group discussed dinosaurs; 5 major Ice Ages in Earth's history; an ice age that occurred after an asteroid hit the Earth, caused a debris field to cover the Earth,

and the climate changes resulted in an ice age; and the megafauna that died as a result of this ice age (i.e., mastodons, mammoths, saber-toothed tigers, and other large animals over 100 lbs.). Middle student described their research into dinosaurs; the asteroid that hit the Earth and resulted in a debris field/darkness; the end of the dinosaurs; and the subsequent ice age. Followed up with online research.

- Younger students were present for removal of former fridge and arrival/installation of new fridge. Group discussed how fridge delivery service is also a fridge disposal service to correctly dispose of refrigerators/freezers that contain refrigerant chemicals (i.e., Freon and others) that are damaging to the environment. Group also discussed purchase of the fridge, 1 year manufacturer's warranty, and 5-year extended warranty offered through store. Student explored new fridge, its dimensions and differences from former fridge in afternoon.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group discussed Austin, Texas area (i.e., where guide's first horse lived with guide and students' dad) as well as South Africa (i.e., location of fossilized footprints recently found by scientist) and the continent of Africa (i.e., where some humans lived through an ice age while others spread out around the planet).

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed the history of dinosaurs, fossilized footprints indicating creatures prior to dinosaurs, and ice ages.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., music accompanying online games and videos).

4-6-23 to 4-9-23

SPRING BREAK

Students and guide chose these days as Spring Break given regularly schedule appointments (i.e., violin lessons, martial arts, etc.) canceled due to closure of facilities.

4-10-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, Sakuraco Japanese subscription box materials, virtual community appointment).
- Student received their April 2023 Sakuraco Japanese subscription box with a spring flower theme. The box contained a snack guide booklet with information on Japanese culture, items included in the box, snacks, sweets, tea and a small flowered dish.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, patterns, height, force, measuring, online currencies, money, addition/subtraction, multiplication/division).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, clothing sizes, laundry, virtual appointment).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., digital drawing, trying on clothes to get accurate current size) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., current clothing sizes).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student participated in their first of two martial arts classes at the martial arts studio. A follow up to student's belt test on in this class included breaking boards with a chosen strike and/or kick. Class participants were permitted to choose how many boards per turn and what type of strike or kick they would like to break the wood with. Participants held the next person's boards for them after their own turn. Student was able to break all their boards with their chosen strikes and kicks. Student chose to challenge themselves with their kick choices.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Continued to discuss Japan and Japanese culture learned from the subscription box as well as past research student had done.
- Student used maps and other resources to navigate local roads to martial arts studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Continued to discuss the experience of breaking several boards with the human hand or foot.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense. Student also received their next belt (i.e., blue).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify, music accompanying online videos/games, student's dad's playlist in car travels).

ART

- Student continued to use their Procreate app to draw original digital artwork.
- Student decorated their sketchbook with existing anime stickers they received.

ENRICHMENT

- Student conducted online research and asked guide to purchase a martial arts belt display holder they had found on Amazon. Guide did so. Student described how they would place their older belts on the display holder and hang it on their bedroom wall.

4-11-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student and guide traveled to student's orthodontist office. Student interacted with front desk staff, hygienist, and orthodontist.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, measuring, percentages, patterns, online currencies, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Invisalign repair). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointment; notes/beats/patterns in music, pitch, tempo; bite measurement and rubber band holder attachment location).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).
- Student continued to use measurement in practical situations (i.e., current bite measurements, location of rubber band holder in mouth for Invisalign).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Middle student received large desk protector and mouse pad in mail today. They held it up for others to read, explained what it represented, and read it aloud to guide. Middle student explained in detail what the images on the desk pad were and pointed out the B.A.D. (i.e.,

Big Airship of Doom) stats and abilities. They were very clear on the size of the image if it were viewed in real life. Middle student reported they had found it while conducting online research.

- Students chose to order in for themselves. Oldest student opened Uber Eats app and searched for a restaurant they would like. Student used the app to search menus, customize food items, place in cart, and assist younger students with their order as well. Once everyone had placed their order in the cart, group went through the checkout portion of the app, entered a tip based on percentage and amount, chose priority delivery, and paid for the meals. Together they viewed screen offering an estimated arrival and latest arrival times. Students were able to periodically check the map on the app to see where the driver was located and what stage the food was on (i.e., restaurant preparing, picking up, on way, how many minutes out).
- Student attended an unscheduled appointment with their orthodontist for Invisalign repair. Student's rubber band metal hook had come unbonded from their tooth in the previous week. Today was first available emergency appointment after the office's spring break closure. Student described their experience to the office staff and orthodontist. A hygienist prepped student's tooth, took measurements, and bonded a new metal hook to student's tooth. Student and hygienist informed guide there was a piece of bonding material from the first metal holder that had not come off. If it bothers student, the hygienist can remove it at student's next scheduled appointment (i.e., May 10th).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to orthodontist office and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and exercise).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games, VR music experiences).
- Student continued to attend or perform in live performances. Student performed live for guide when practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created original digital art with their Procreate app. Student described how they were also taking the images and creating animated pictures. Student agreed to send an example to guide via text when the drawing and animation were complete.

ENRICHMENT

- Student and guide discussed the untimed CAT and options for taking it (i.e., first or second week of May). Student stated they would consider their schedule and when would work best for them. Guide will follow up with oldest student and will also check in with middle student.

4-12-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, percentages, patterns, online currencies, height of martial arts kicks, force of strikes, distance in sparring, addition/subtraction, multiplication/division).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; 8th grade curriculum for traditional school). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of martial arts kicks, force of strikes, percentage of effort, distance in sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., calendar for hair appointments) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to calculate height of martial arts kicks, distance when sparring).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. After talking with guide about the 8th grade testing requirement, student chose to conduct online research into math requirements for 8th graders enrolled in traditional learning environments. Student reported they found a detailed outline of 8 grade math requirements but had not yet reviewed it thoroughly. Student was able to vocalize concerns about applying their

knowledge in the testing format. Discussed tests, untimed CAT test for 8th grade, and expectations for student.

- Students returned outside when oldest student came home from martial arts class to further explore the family's yard for toads.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Students explored their neighborhood and yard area to see what wildlife and plants they could identify.
- Student used maps and other resources to navigate local roads to travel to martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Group discussed history of traditional education and the quote "I don't want a nation of thinkers, I want a nation of workers" by John D Rockefeller. Rockefeller was reportedly considered an early education school system pioneer.

CIVICS

- Student continued to gain a basic understanding of local, state, and federal government. Group briefly discussed the government's role in traditional and public education.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued to discuss self-care, joy, and movement in daily life.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student's hair appointment was canceled by hair stylist for second time due to illness.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, student's dad's playlist in car travel, music accompanying online videos/games).

4-13-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student and guide traveled to horse boarding barn to bath horses. Student interacted with boarding barn staff and other boarders.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, percentages, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; first time bathing student's first horse). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating how much shampoo and conditioner to use on horses, time lapsed while conditioning coats, managing horses' baths within time restrictions set by the boarding barn for water usage).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., artwork).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn after checking outdoor temperature for same day and coming week. Student and guide felt comfortable using the outdoor bathing area for the horses with today's warm temperature. Guide explained how they bathed their horse within the 10 minute limitation on water usage (i.e., rinse, fill buckets, put on shampoo with one bucket, rinse quickly, condition, let soak in, quick rinse). Fellow boarder further explained limitations as they see it and chose to take a turn between guide and student due to

picking up their grandson in next hour. Student and guide finished bathing and took horses to graze and dry in the sun.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to horse boarding barn twice.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Discussed guide's ongoing experiences with distal radius fracture and bone bruise/ligament issue in right ankle. Guide continues to wear a removable wrist brace and a boot.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse bathing, grooming, grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist in car, music accompanying online videos/games).

ART

- Student used foam paper, scissors, self-created stencils, and paint markers to begin an art project where they attempt to add removable wings to their sound proof headphones.

4-14-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Students traveled with their dad to the USC Rec Center indoor pool. Students reviewed rules and guidelines of the pool. They interacted with other swimmers, life guards, and Rec Center staff.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, percentages, patterns, codes, depth of pool, pitch, money, online currency unique to each game/app, addition/subtraction, multiplication/division, temperature, timer, distance, speed, GPS).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, to determine depth of pool locations; to create works of art).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to complete their removable wing project).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed social media posts guide had come across including a fun fact that bananas are not reported trees as they have no wood in them, rather they are herbs and the banana is the berry.
- Students' dad had dropped off family car at the dealership the previous day. The loaner car family was given was a Jeep Gladiator pickup. Students explored the rental vehicle and figured out the top of the Jeep was removable. Students and their dad removed the top due to

the warmer weather while traveling to the indoor USC Rec Center pool.

- Student chose to create a milkshake with ingredients found in the house.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to use maps and other resources to navigate roads to travel to the USC Rec Center indoor pool.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including water safety while swimming.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued to discuss listening to your body, self-check ins, and decision making.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., swimming).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, dad's playlist, music at indoor pool, music accompanying online videos/games).

ART

- Student completed their removable wing project for their sound proof headphones.

ENRICHMENT

- Students each checked in with themselves and discussed their thoughts and feelings around the Carnegie Science Center's Fab Lab 101: 3D Printing class. Students were able to voice feeling tired, low energy and disinterested in heading to the Science Center on a Friday evening until later. Students chose to go with their dad to swim at USC Rec Center indoor pool.

4-17-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, temperature, fractions, patterns, percentages, addition/subtraction, multiplication/division, distance, speed, GPS, height of kicks, force of strikes, distance for sparring).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; notes/beats/patterns in music, pitch, bow angle, practice timer; height of kicks, force of strikes, distance for sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., height of kicks, distance of sparring).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student continued to travel to horse boarding barn to care for, groom, and exercise their horse. Student continued to save towards ongoing horse expenses by caring for many of family's pets at home on a daily basis.
- Student continued to learn and interact with their martial arts instructor and classmates.
- Student continued to work with the family's pets providing fresh food/water, bedding, and

extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to martial arts studio and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Student discussed ways to train for upcoming mile run during next martial arts belt test. Student stated they will begin running multiple times a week.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the first of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

4-19-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, compose story lines for graphic novel/anima original characters).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, geometric shapes, perspective, symmetry, color wheel, money, online currency unique to each game/app, addition/subtraction, multiplication/division, Procreate app, computer science and visual design).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., to create digital drawings with Procreate app).
- Student continued to conduct their own financial transactions to a level appropriate for their ability. Student continued ongoing use of monthly money received to save for ongoing horse expenses.
- Student continued to use mathematical concepts in free play (i.e., digital drawing) as well as age appropriate math related media (i.e., PC and Ipad apps/games).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed younger family dog, Neo's, same day early vet appointment. Neo traveled to vet with guide to receive both a Bordetella vaccine (i.e., kennel cough prevention) that is administered as a nasal spray every 6 months per family's training, boarding and grooming facility's requirements and a Cytopoint shot for canine allergies. Group discussed reasons for the appointment; what Neo was given and why; and possible reactions or side effects that might be observed (i.e., increased fatigue, pain or discomfort in right rear leg due to injection site, hopefully decreased allergy symptoms). Group discussed seasonal allergies in humans and animals.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Youngest student reported over the past week that they are increasing their movement and would like to do so even more in future weeks. Guide offered observations of this (i.e., outdoor play, walks, hiking, running, hoverboarding outside) when asked by youngest student for noticings. Middle student stated they were loving the warmer weather and would like to increase hiking and walks.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Spotify, music accompanying videos/games).

ART

- Student used their Procreate app to continue to create digital drawings.

ENRICHMENT

- Student requested to stop at the local mall after their community appointment to check out summer shoes, specifically crocs. Guide requested student try the shoe type on to feel whether it is something student would actually wear. Student explored several stores to find a pair of crocs that they found visually appealing. Student then tried several pairs on and found them uncomfortable without enough support. Student then tried on a pair of cushioned slides and chose those instead. Upon returning home, other students stated they also would like to go shoe shopping. Guide will follow up with this activity when they can.

4-20-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, patterns, angles, tempo, percentages, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; horse BioEZ supplement measurement calculations).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; notes/beats/patterns in music, pitch, angles; calculating amount of BioEZ supplement their horse should receive).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., calculating and measuring amount of BioEZ supplement for their horse).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group discussed guide's same day trip to the dentist for 6 month cleaning and checkup. Guide described how they had talked with their hygienist about extended family members losing teeth. The hygienist let guide know that post-COVID the number of individuals who had teeth fall out had increased greatly due in part to clenching, grinding, and other stress-related behaviors. Guide's jaw and teeth were x-rayed and checked for any bone loss or tooth movement. The dentist informed guide they did not see any cause for concern. Guide shared

this with students for their own dental health history and reminded them of guide's previous procedures with a periodontist.

- Student and guide discussed guide's horse's recent diagnosis of Lyme's Disease, the horse's treatment plan, and the addition of BioEZ per another boarder's suggestion. Discussed BioEZ, a pre and probiotic supplement, created to ensure gut health on a daily basis and especially while horses are taking antibiotics like guide's horse. Student asked if their horse could take some based on their observation of the manure in their horse's stall. Given the supplement's reported effectiveness for ongoing gut health, the response was yes. Student calculated the dosage for their horse and added it to the horse's measured out evening bag of feed.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion around nutrition, movement, sleep and self-care. Group also discussed the impact of these factors on dental health as well as family dental health history.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Discussed Lyme's Disease for humans and horses.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., practicing running a mile; horse care, grooming, grazing).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide while practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

ENRICHMENT

- Guide researched and learned about Slime Time, a store location where individuals or groups could go to create their own slimes with the supplies provided for a cost. Such a location had opened near family at a local mall. Guide looked for their open hours, cost, and reviews then checked in with students to see if this would be an activity of interest.

4-21-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student and guide traveled to horse boarding barn and interacted with other horses and boarders.
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, notes, tempo, bow angle, violin angle, measuring, percentages, stats, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; notes/beats/patterns in music, pitch, tempo, violin slurs, angles of bow and violin; Practice app).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, horse groundwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to determine fit of horse's bridle and bit).

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Younger students and their dad dropped guide and oldest student off at the horse boarding barn then proceeded to travel to a local mall where a slime activity center, Slime Time, had recently opened. Younger students and their dad read through the signs and information detailing the cost per participation (i.e., 1 slime = $, 2 slimes = a slight discount, 3 slimes =

highest cost, highest discount). Middle student later described a miscommunication with their dad as he signed up and paid for both younger students to make 3 slimes whereas middle student wanted to make 1 to try it out. Younger students experimented with the slime making process at this location, checking out what types of slime could be made, what colors could be created, what add ins were available, and how much fun they thought it was. Students' dad observed the younger students were the only children participating at that time. Staff there let younger students and their dad know the weekends are usually their busy times. Younger students continued to play with their slimes after returning home.

- While younger students and their dad were making slimes and having a soft pretzel snack, oldest student and guide were at horse boarding barn grazing, exercising, and grooming their horses. After grazing the horses by hand (i.e., on a lead rope) and free range (i.e., horses off lead rope in a grassy partitioned off area with guide and student), oldest student offered to do groundwork and exercise with each of the horses due to guide's injured right ankle. Student led the horses individually through a series of poles both forward and backward as well as in serpentine patterns. Student would pause a horse during the pattern and give a different command (i.e., over, back, etc.) to see if the horse understood. Guide and student returned to barn area to clean the horses' stalls, give them water, groom them, and feed them their 3rd feed for the day. Students' dad texted guide to let them know they were on the way to pick up guide and oldest student.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Younger students and their dad explored a Slime Time location for the first time. To travel to it and the horse boarding barn, students' dad drove a new route. Younger students described all this and the Slime Time location to oldest student and guide.
- Student continued to use maps and other resources to navigate local roads to travel to the horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussions around nutrition and movement.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., grazing, grooming, exercising, groundwork with horses).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, dad's playlist in the car, music accompanying online videos/games).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.

4-22-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, violin book).
- Student attended their same day violin lesson with their dad. Student interacted with their violin instructor and read from their sheet music and violin book.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, notes, tempo, bow angle, violin angle, measuring, percentages, stats, addition/subtraction, multiplication/division, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; notes/beats/patterns in music, pitch, tempo, violin slurs, angles of bow and violin; to read new sheet music).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, horse groundwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled again to the horse boarding barn after student's violin lesson. Together they groomed, grazed and exercised their horses. Towards the end of their visit, the outdoor arena became free and student chose to tack up and ride their horse.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate local roads to travel to a local music studio and the horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion around self-check ins, listening to internal reactions or dialogues, and problem-solving decisions.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming, feeding, and riding).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist in car, dad's playlist in car, music accompanied by online games/videos).
- Student continued to attend or perform in live performances. Student and their violin instructor played live as a duet and individually during student's lesson.
- Student continued to have the opportunity to pursue their own musical interests with weekly private violin lessons.

ART

- Student created art through music.

ENRICHMENT

- Oldest student and middle student had registered the previous month to participate in same day Nerf Wars at a local Gym Sport. Oldest student demonstrated a self-check in and listening to their internal dialogue then vocalized to guide they did not want to participate. Middle student agreed. Guide informed students there was another option to participate next month if students changed their minds.

4-24-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student and guide traveled to a community appointment were student interacted with staff there. Student and guide then traveled to a nearby mall to return some clothing items and student assisted in reading map to find store. Student then interacted with the clothing store staff. Student and guide traveled to student's violin lesson where they read their new music and existing violin book. Student interacted with their instructor.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, patterns, stats, human temperature, angles, addition/subtraction, multiplication/division, money, shopping, distance, speed, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments; notes/beats/patterns in music, pitch, tempo, new sheet music, angles; money and budgeting).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, savings towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin lesson, shopping) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., to determine current clothing size from specific store).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to assist guide in returning youngest student's unwanted outfits at local mall. Student directed guide to a map with a store search function. The map shows where you are

and where the store is located after typing it in or tapping on its name. Student searched and described where they would need to go. Student shopped for summer clothes in current size. Student set own budget and stayed within it. Student declined to look at any other stores due to budget and time constraints. Student and guide traveled to music studio.

- Students all chose to continue an ongoing Mine Craft world together. Together they build and decorate buildings each in their own home near each other; establish farming land with wheat to harvest and use; create beautiful landscapes with flora, fauna, and water sources; go mining for needed elements to use in building; and domesticate and train various animals.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to a community appointment, a local mall, and a music studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student described their plan for gradually decreasing their mile run time to within the martial arts studio's 9 minute mile test.
- Continued discussion around illness, rest and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student did NOT participate in the first of two martial arts classes for week that focus on both martial arts and self-defense due to illness.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Apple playlists in car, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student and their violin instructor performed live together and individually at student's violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with weekly private violin lessons. Today's lesson was rescheduled at guide's request from Saturday, April 15th.

ART

- Student created art through music.

ENRICHMENT

- Oldest student's violin instructor let guide know about a final group lesson with instructor this Friday, April 28th at 6:30 p.m. as well as a music recital on Saturday, May 20th at 5:30 p.m. Guide checked in with student about participation in each and student stated they would

like to attend and perform at both. Guide will attempt to shift the family's schedule to reflect these commitments.

- Guide followed up with middle student to determine if they would still like to participate in Friday, April 28th, prior commitment (i.e., Carnegie Science Center's Fab Lab 101: Circuitry and Soldering). Initially middles student, oldest student, and their dad were going to participate. Guide offered middle student and their dad multiple choices including to Uber to Fab Lab 101 class and other students will drive with guide to same night music class. Middle student stated they were fine not participating adding they are at a point they would rather take a break from classes. Guide will go with oldest student to Group Violin Class while remaining students will stay home with their dad.

4-28-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book, written materials given at Group Violin Class).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, patterns, tempo, pitch, music, neural pathway visual, addition/subtraction, multiplication, distance, speed or mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; Group Violin Class Topics).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; notes/beats/patterns in music, pitch, tempo).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin performance, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose not to participate in the Carnegie Science Center's Fab Lab 101: Circuitry and Soldering class. Instead, student participated in a Group Violin Class taught by their violin instructor and made up of the instructor's 6 other students who play either violin or viola. Guide and other parents were encouraged to sit in the room with their student during class and participate if comfortable. The class began with an opportunity to perform live for the group. Student chose to perform a new piece that they plan to also perform at the upcoming recital. During performances the violin instructor had everyone write down 2 or 3 things the students really liked about the performance. The instructor stated she would pass these out to the correct recipients in their next lessons. After everyone had performed who wanted to, the

instructor engaged the students in a fun game (i.e., “Whoosh!”) that got students out of their heads and into the moment per the instructor’s plan. The remainder of the class’s theme was practice. The students and instructor participated in an interactive exercise with yarn and the students to provide a visual of the differences in neural pathways created by practicing. For the remainder of the time, the instructor passed out handouts and talked through what practice is, what counts as practice, the 4 main focuses of practice, and solutions for common problems.

- Student continued to work with the family’s pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to local music studio.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student showed guide the extra large strawberries (i.e., approximately 4 inches) recently purchased at the grocery store.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., practice running a mile).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student’s playlists, guide’s playlist in car, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live in Group Violin Class.
- Student continued to have the opportunity to pursue their own musical interests with group violin classes at the local studio.

ART

- Student created art through music.
- Student also informed guide they have many digital drawings they had not yet shared with guide. At guide’s request, student texted several digital drawings with the date they were drawn to guide. Guide will place the images in the correct day/month spot in photos.

4-29-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, patterns, tempo, pitch, music, addition/subtraction, multiplication, distance, speed or mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time; calculating schedule given appointments; notes/beats/patterns in music, pitch, tempo).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin performance, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn. Student noted their horse's rear fetlock, pastern, and hock areas had progressed from dry skin to scaly, red sores that the horse frequently scratched at with their hooves or teeth. Student and guide conducted online research and found a general term "scratches" (i.e., pastern dermatitis) meaning a skin condition that can advance to what student was observing in continuously wet, muddy conditions. At student's request, guide will follow up with equine vet for recheck on student's horse's rear legs. The vet is scheduled to come to the boarding barn on the 2nd Tuesday of the month (i.e., Tuesday, May 2nd). Student and guide washed affected areas, combed out scaly skin, and applied fungal ointment while waiting for further instruction from vet.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student used maps and other resources to navigate roads to travel to local music studio and boarding horse barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued discussion around worry, coping strategies, and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., horse care, grooming and exercise).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist in car, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student and violin instructor performed live as a duet and independently during student's weekly violin lesson.
- Student continued to have the opportunity to pursue their own musical interests with private violin lesson at the local studio.

ART

- Student created art through music.

5-2-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, signs/written documentation at…,).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results, write messages to international online student friends, compose story lines for graphic novel/anima original characters; …).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, measuring, percentages, addition/subtraction, …).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; …). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, money; savings amount versus items desired; distance, size, pounds, ounces, inches, feet, yards; tides, phases of the moon versus measured amount visible; …).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, ongoing ledger of money earned, …).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app, …).
- Student continued to use measurement in cooking and other practical situations.

SCIENCE

- Student continued to increase their scientific knowledge through experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn for monthly equine veterinary visit with both of their horses. Guide's horse received his monthly arthritis/joint shot as well as followed up with vet on horse's Lyme Disease meds, ongoing progress, farrier experience and nutrition changes. Guide asked vet to also recheck student's horse's rear pastern areas

per student's request to check for "scratches." Vet did so and stated student's horse did have scratches or Pastern Dermatitis. Treatment entailed everything student was currently doing and a bath with fungal shampoo when the weather allowed. Student and guide remained at the barn to groom the horses and apply fungal ointment before returning home.

- Younger students engaged in active outdoor active play. Students observed the differences in balance and speed between electric scooter, electric bike, and hoverboard when riding these uphill or down. Younger students talked with guide and oldest student about their experiences when guide and student arrived home.
- Oldest student and guide participated for the first time in a Blown Glass Terrarium class, Beginners, 14 years old and up, at the Pittsburgh Glass Center. Guide and oldest student had the opportunity to walk through the surrounding neighborhood as well as explore the art gallery and local artist glass shop within the Glass Center before class. Guide bought a beautiful hand crafted bowl and was able to meet the artist who was one of the 3 instructors for the Terrarium class. Participants gathered in the lobby before being led by an instructor to the top floor Glass Blowing Room. The instructor discussed the format of the class, the furnaces and kilns used, the materials used for the class, safety rules, and participants' roles for the evening. The instructor then introduced the remainder of the instructors and Glass Center individuals before asked for 3 volunteers to begin the class. While the volunteers and their partners or group were blowing their first of two glass terrariums, guide and participant checked out the color options for when it was their turn. Participants could choose up to 2 colors per terrarium and more transparent colors were suggested if plants would be placed in the terrarium. If a combination were chosen (i.e., opaque and transparent), the transparent color choice would be applied first and be more plentiful whereas the more opaque color would be applied second and cover less. Instructors explained every aspect of the glass blowing process, gave details about the techniques and tools used, and answered any questions asked. The first terrarium created was demonstrated and done solely by the instructor groups worked with. With the second terrarium, participants were able to heat the molten glass into a workable circular piece, rotate the glass blowing poll to maintain its shape, add the color choices, and hand it back to the instructor to continue the glass blowing process. Guide and student had a great time beginning to learn this unique skill. Participants are invited to pick up their pieces in 5 days after properly cooling. Student picked out the glass pieces they would like to purchase upon returning. Student and guide showed the rest of the group pictures and video taken at the Glass Center and described their experiences in detail.
- Student was able to describe what about the architecture of the homes in the Glass Center neighborhood they noticed, was unique, and they favored.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and guide were able to walk around and explore the Friendship/Garfield neighborhood in the area of the Pittsburgh Glass Center for the first time. The neighborhood and especially the Glass Center are vocally inclusive, friendly, artistic and unique.

- Student used maps and other resources to navigate roads to travel to the horse boarding barn and the Pittsburgh Glass Center.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips. Guide and student discussed an online video guide had viewed on the history and future of the Pittsburgh Glass Center. This information was reiterated and added to during their Glass Blown Terrarium Class.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Discussed ways the Pittsburgh Glass Center's neighborhood (i.e., Friendship/Garfield area) and the Center itself offer support and vocalize inclusivity to their community (i.e., prominent signs, website, online presence, language and education information at the Center, who they hire).

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires. Guide and oldest student described the safety protocols at the Pittsburgh Glass Center given the glass furnace, kilns and open flames on the Glass Blowing Room's floor.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued to discuss self-awareness, sleep, overall wellbeing, and self-care.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., practice mile run, glass blowing, walking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, guide's playlist in car, music accompanying online videos/games).

ART

- Student created their own colorful table top and hanging glass blown terrariums through participating in Pittsburgh Glass Center's Glass Blown Terrarium class.

ENRICHMENT

- Guide and oldest student created a plan to travel the 2 minute drive from the Pittsburgh Glass Center further down Penn Avenue to the Black Cat Market when they return to pick up their

terrariums. The Market is a combination coffee shop, art gallery and cat rescue/cat play shop. Guide will follow up with rest of students to see if they would also like to come.

- Student will also return to the Pittsburgh Glass Center on Saturday, June 3rd, for a Teens Only Paperweight Glass Sculpture Class. Guide and oldest student discussed how doing today's class may be helpful for student for the June 3rd class as they had a preview of what to expect and where they are going.

5-3-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, fractions, height of kicks, force of strikes, distance of sparring, perspective, percentages, addition/subtraction, multiplication/division, distance, mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Student also continued to look into expectations for 8th Grade math. Student attempted to recall math tools learned in Montessori School (i.e., grades K-4th) and had difficulty.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, height of kicks, force of strikes, distance of sparring).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, savings towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., artwork) as well as age appropriate math related media (i.e., Ipad and PC games/apps).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to experiment with paints and other materials. Student stated they got very involved but did not want to show or tell guide about their project until it was ready. Guide will follow up.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.
- Younger students engaged in outdoor play and exploring. They found a birds nest in a small tree in family's front yard and looked inside to see one small blue egg. No adult birds

appeared to be in the near vicinity. Students informed guide who let them know oldest student had found the same nest the week prior with the egg. All agreed to leave the nest alone. Group discussed how there are 3 birds who produce blue eggs common to the area (i.e., American Robins, Eastern Bluebirds, and Red-Winged Blackbirds). Youngest student reminded group of prior online research where results stated it is illegal to take/keep an American Robin's egg in PA.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group continued to discuss common birds in their area and in PA.
- Student continued to use maps and other resources to navigate local roads to travel to martial arts studio.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Group discussed what their options are if they find a hurt or baby animal (i.e., potentially abandoned Robin's egg). Guide described rescue or rehabilitative organizations such as the Humane Society as well as private organizations like guide's former supervisor's involvement with a Fawn rescue.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group discussed how each member had been increasing their daily movement. Students stated the warming weather and sun definitely helped. Group agreed to increase family hikes and outdoor adventures.
- Student continued to learn about the human body, at a level appropriate for their age and ability. Group discussed Vitamin D, where it comes from, links with depression, and supplements.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Student participated in the second of two martial arts classes for week that focus on both martial arts and self-defense.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, dad's playlist in car, music accompanying online videos/games).

ART

- Student began to work on an acrylic paint and canvas art project they will show guide when complete.

5-5-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, percentages, perspective, patterns, bow angle, violin angle, finger positions, addition/subtraction, multiplication/division, distance, mph, GPS, miles hiked).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, slurs, focuses of practice; miles hiked).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued to save towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork) as well as age appropriate math related media (i.e., Ipad and PC games/app).
- Student continued to use measurement in practical situations (i.e., distance hiked).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student and guide traveled to horse boarding barn to take their time grazing, grooming, and caring for their horses. Student and guide observed wildlife present (i.e., Red-Tailed Hawk, Sparrows, Geese, Wild Turkeys, and other birds as well as White-Tailed Deer) as well as the 50+ herd of working horses on the ranch while grazing their horses. Student continued to put fungal ointment on their horses rear pasterns for Pastern Dermatitis.
- Family chose to hike at USC Rec Center park trails per students' request. Family traveled to

USC Rec Center park and encountered a community construction project previously discussed (i.e., widening of a smaller bridge and surrounding roads). Students were able to observe the progress of the project and discuss their thoughts and questions. The park's parking areas were also under construction (i.e., paving, repaving). Middle student read the signs aloud and family discussed alternate parking options. Students chose the trail to hike (i.e., an approximately 2 mile woodsy trail that leads to Chartiers Creek and back). Family observed wildlife (i.e., American Robins, Eastern Grey Squirrel, Eastern Chipmunk, a Cottontail Rabbit, Northern Cardinal, House Sparrows, and other birds) as well as flowering plants, non-flowering plants and tree life. Group attempted to identify flowers and plants particularly poison ivy or other rash inducing plants. Family traveled to the creek where the bank was mostly underwater due to the creek's levels. Attempts were made to view fish, river clams, crayfish, or other water creatures. Family observed ducks and geese in the creek. Students chose to explore further upstream at the creek while guide and students' dad remained on a rock outcropping to wait. Students ate picnic style by the creek before beginning the return hike before the sun set.

- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through travel, maps, play and stories. Group expanded their knowledge of bridge expansion in Bridgeville as well as additional paths around the USC Rec Center park.
- Student continued to use maps and other resources to navigate roads to travel to horse boarding barn and USC Rec Center park.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Group continued to discuss the observed impact of increasingly warm weather, sunshine, and outdoor adventures.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., hiking).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online videos/games).
- Student continued to attend or perform in live performances. Student performed live for guide while practicing violin.
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student continued to work on an unfinished art project they said they would show to guide upon completion.

5-20-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Group traveled to oldest student's violin recital where they read related written materials; listened to live performances; and interacted with music instructors, youth musicians, and other audience members.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, temperature, calendar, fractions, measuring, percentages, patterns, lbs., addition/subtraction, multiplication/division, angles, tempo, pitch, distance, mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin).
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, tempo, duet variables with paino).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued savings towards ongoing horse expenses).
- Student continued to use mathematical concepts in free play (i.e., violin practice, violin lesson and performance) as well as age appropriate math related media (i.e., Ipad and PC games/apps).
- Student continued to use measurement in practical situations (i.e., shelf project).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Student chose to create a shelf in specific location above their loft bed to create more storage options. Student measured the area, found shelf components online, found extra shelf wood in the home, and consulted their dad for assistance with purchases and power tools. Over the course of several days (i.e., to collect additional materials and use power tools), student

worked independently and with the assistance of their dad to create the shelf they had planned.

- Student and their dad traveled to a Methodist church in Venetia, PA where Kathy's Music studio chose to hold the same day music recital. Student had practiced their performance piece 3 times over the course of the day as well as in their same day individual violin lesson. Student engaged in coping strategies to reduce nervousness and worry prior to event. Student was able to describe how their nervousness manifested in their body while performing (i.e., shaky legs and hands; no appetite) and how they countered this (i.e., swaying gently, not looking at audience, focus on piece). Student performed their piece with a piano accompanist then was able to sit with their dad and enjoy the remainder of the performances.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories. Student and their dad traveled for first time to Venetia, PA for music performance then to boarding horse barn.
- Student continued to use maps and other resources to navigate local roads to travel to local music studio, live performance recital venue, and horse boarding barn.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Continued ongoing discussions around coping strategies for nervousness/worry prior to and while performing. Student was able to describe how their worry manifested in their body and ways to counter this.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Apple playlists, music accompanying online games/videos).
- Student continued to attend or perform in live performances. Student participated first in live performance both individually and as a duet with their violin instructor then in a same day live recital performed by youth musicians from the music studio.
- Student continued to have the opportunity to pursue their own musical interests with violin practice, private violin lessons, and a same day violin recital performance.

ART

- Student created art through music.

5-23-23 to 5-26-23

Guide blocked off family's schedule for May 23rd through the 26th for students to complete necessary testing. Oldest student and middle students, grades 8th and 5th, set aside this time to focus on and complete the CAT test per Pennsylvania homeschooling requirements.

ENRICHMENT

- Group followed up on prior conversation for learning opportunity—Young Eagles: Free Flights For Youths 8-17. This program will be held at a local airport 1 hour north of Pittsburgh and will offer a free interactive educational class from 10 a.m. to 1 p.m. that includes the youth going up for a 15-20 minute airplane ride with a certified pilot to experience aviation first hand. Safety is a focus as is the mechanics of aviation, career options, the science of flight, and other topics that participants are interested in. Students were able to verbalize their thoughts and feelings around this opportunity as well as reasons for not participating. Students were not registered for event.

6-1-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content, violin book).
- Group traveled to Pittsburgh International Race Complex in Wampum, PA, to participate in a drive along with a professional driver (for 2 older students) as well as watch students' dad drive the racetrack while standing in the pitt area. Group interacted with Xtreme Xperience staff and drivers as well as other participants/observers.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results; composed backstory, personality, skill sets, identifying traits, etc. for original sketched anime characters created in Procreate app).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, patterns, percentages, tempo, money, online currency unique to each game/app, addition/subtraction, multiplication/division, distance, mph, GPS, speed of race car, dimensions of track).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; learn details of racing). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, notes/beats/patterns in music, pitch, bow angle, slurs, finger positions, violin angle; money; acceleration and deceleration when driving on a race track with the specified turns/straight aways).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student requested to purchase a beverage and snacks at the race track food truck.
- Student continued to use mathematical concepts in free play (i.e., violin practice, artwork, digital drawing) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Group traveled to the Pittsburgh International Race Complex in Wampum, PA, to participate in the students' dad's birthday activity that included two Xtreme Xperience ride alongs with professional drivers (for 2 older students plus guide or students' dad) as well as students' dad driving around the racetrack in 2 different types of Porche GT vehicles while students and guide were in the pitt area. Older students each chose a parent to ride along with and experienced a professional driver instructing the group on racing etiquette, skills, speed, turning, braking, safety and other tips during the 3 laps around the track. Youngest student took photographs and videos of the cars, activity and group members. The older students described their experiences for youngest student who did not desire to ride along and did not meet the age restrictions to participate. After the students and guide watched the students' dad drive 2 separate vehicles for 3 laps each, the group moved to the food truck area and students ordered a snack and beverage for themselves before heading home.
- Student and guide traveled to the horse boarding barn to care for, groom and graze their horses.
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student continued to use maps and other resources to navigate local roads to travel to the Pittsburgh International Race Complex in Wampum, PA.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including those involved when participating at the Pittsburgh International Race Complex for an Xtreme Xperience.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength. Students continued outdoor play and exercise after returning from the race track (i.e., trampoline, running, biking, walking, dog walking/running).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, music accompanying online games/videos).
- Student continued to have the opportunity to pursue their own musical interests with violin practice.

ART

- Student created art through music.
- Student continued to work on an animation project using original sketches and their Procreate app.

6-3-23

ENGLISH

- Student continued to read from a variety of literature sources, fiction and non-fiction, for information and for pleasure, both silently and aloud (i.e., current book selection, online research & videos, other online content; Pittsburgh Glass Center signs, products, art gallery displays, for sale glass descriptions).
- Student and guide traveled to Pittsburgh Glass Center for student to attend Teen Only! Hot Glass Sculpting Paperweights Class as well as to pick up completed glass blown terrariums from May 2nd class, shop at Glass Center's gift shop, explore the art gallery and interact with individuals at the Glass Center.
- Student continued to explore the English language through writing, reading, speaking, and listening using various media (i.e., listening to different genres of music; singing; group and individual discussions; online research and videos; Anime series both dubbed in English and with subtitles only; discussing meaning of English words, context for use, and differences in other languages).
- Student continued to improve spelling, grammar, and composition skills (i.e., continued to discuss spelling of English words to conduct online research or assist younger students in spelling; continued to discuss sentence structure, semantics, and differences in English versus other languages; continued to figure out best online search queries to garner desired results).

ARITHMETIC

- Student continued to do mathematics work at a level appropriate for their ability (i.e., time, calendar, measuring, fractions, patterns, percentages, pitch, tempo, volume, money, online currency unique to each game/app, addition/subtraction, multiplication/division, glass dimensions, furnace temperature, molten glass properties, color wheel; distance, mph, GPS).
- Student mastered new topics as introduced (i.e., new notes, patterns, percentages/fractions as well as angles, and use of variables in playing the violin; continued study of glass artwork through glass sculpting). Group discussion of pervasiveness of math concepts and numbers across everyday life.
- Student continued to use problem solving mathematics skills in daily life applications (i.e., time, calculating schedule given appointments, money and budget, how to create a glass sculpted paperweight).
- Student continued to conduct their own financial transactions to a level appropriate for their ability (i.e., continued use of own online checking and savings accounts, continued saving towards ongoing horse expenses).
- Student requested to purchase a handmade glass cup or candle holder at the Glass Center gift shop and crochet supplies at a local craft store.
- Student continued to use mathematical concepts in free play (i.e., artwork, digital drawing, Glass Center) as well as age appropriate math related media (i.e., Ipad and PC games/apps; Procreate app).

SCIENCE

- Student continued to increase their scientific knowledge through research, experimentation, observation, museum visits, group discussions, group experiences, classes and reading. Guide and student traveled first to Pittsburgh Glass Center for student to attend the Teens Only! Paperweight class where teens would work with instructors to sculpt glass paperweights with their chosen colors. Student described how they were able to use the glass furnace again, choose colors, and sculpt several paperweights. The class was attended by 9 teens. Student will be able to pick up their finished artworks after 5 days in order for the pieces to cool properly. Guide walked to the Black Cat Market where they had made a reservation for themselves to play with the cats while student was sculpting. Guide took pictures to share with the group and described their experience. At the conclusion of student's class, guide and student picked up their terrariums and student chose a handmade glass or candle holder from the gift shop.
- Guide and student traveled to local craft store following the PGC class. Student and guide chose various craft supplies as well as baking supplies for students' dad's upcoming birthday. Student also chose multiple skeins of yarn for their current crochet project (i.e., a pattern available online for purchase of a beanie shaped as a rabbit with long ears).
- Student continued to work with the family's pets providing fresh food/water, bedding, and extended handling/play time for each.

GEOGRAPHY

- Student continued to expand their geographic knowledge of their community, country, and the world through research, travel, maps, play and stories.
- Student continued to use maps and other resources to navigate local roads to travel to Pittsburgh Glass Center and a local craft store.

SOCIAL STUDIES

- To include State, National, World History and Civics (see below)

HISTORY

- Student continued to add to their basic understanding of the history of PA, the USA, and the world through reading, research, discussion and possibly field trips.

CIVICS

- Student continued to play an active role in their community, appropriate for their age and ability. Guide and student traveled to Pittsburgh Glass Center. Guide purchased a family membership to the PGC to support this inclusive, artistic community. Guide also supported the Black Cat Market, a cat rescue and cat artwork marketplace, through purchases and donations at the shop.

SAFETY EDUCATION

- Student continued to learn about various aspects of safety, including the dangers and prevention of fires, particularly when working with a glass furnace, open flames, and kilns.

HEALTH & PHYSIOLOGY

- Student continued to learn about healthy lifestyle choices, including the dangers of tobacco, alcohol and drugs, and the advantages of good nutrition and other health practices.
- Student offered observations of online discussions on the LGBTQ+ community including a

YouTuber who offered a summary of current Pride events and controversies.

- Student continued to learn about the human body, at a level appropriate for their age and ability.

PHYSICAL EDUCATION

- Student continued to have regular physical activity aimed at developing health, coordination and strength (i.e., walking, grazing, grooming, & horse care).

MUSIC

- Student continued to be exposed to a variety of musical styles through recorded music (i.e., student's playlists, Apple playlists in car travel, music accompanying online games/videos).

ART

- Student created art with glass sculpting in their same day PGC Teens Only! Paperweight class.

ENRICHMENT

- Student continued to explore various research and learning modalities as well as demonstrate independent/critical thinking skills. Student demonstrated their critical thinking skills when describing and summarizing social medias reported thoughts/opinions on Pride month.
- Group discussed June as Pride Month and various local activity options (i.e., The Pittsburgh Pride Parade; Dream of Hopes: For The Lost Voices queer youth arts group production celebrating the 20th anniversary of Dream of Hopes organization; supporting local businesses who are celebrating/recognizing Pride; displaying Pride flags at home).
- Group also discussed other June recognitions including the students' dad's birthday, Father's Day, Indigenous People's Month, and Juneteenth.