

Teacher	Co-teacher (if applicable)	Permanent Substitute (if required)	Subject	Class Title	Class Description	10 Week Outline for the class	Emergency Sub Plan	Ages	Maximum class size INCLUDING your own children. (Elif Owens class size is set at 18 & high school classes is 20) Is there a Minimum number of students needed for your class?	Prerequisites	Does the class require teacher authorization for registration?	Class Fee	If you accept class fee payment by PayPal or Venmo please list your account info.	Supplies students will need to provide
Melissa Armstrong	Rachel Winsley		Language Arts	Book Club	We will be previewing authors, learning about the 5 types of questions (knowledge, meaning, principle, interdisciplinary, and application), types of stories (bent, broken whole, healing), covering elements of a story, and discussing the following books: Wild Born by Brandon Mull The Swiss Family Robinson by Johann Wyss Twenty Thousand Leagues Under the Sea by Jules Verne Number the Stars by Lois Lowry The Girl Who Drank the Moon by Kelly Barnhill READING/LISTENING TO THE BOOKS WILL BE DONE AT HOME. Students will need to get their own books. They do not need to have a copy in class. There are two weeks to finish each book. Actually finishing the book is not a requirement, but it makes discussion a better experience for the student (and everyone).	Odd weeks - Everything from the descriptions that are not the book discussion Even weeks - book discussion 1/2 - Wild Born by Brandon Mull 3/4 - The Swiss Family Robinson by Johann Wyss 5/6 - Twenty Thousand Leagues Under the Sea by Jules Verne 7/8 - Number the Stars by Lois Lowry 9/10 - The Girl Who Drank the Moon by Kelly Barnhill	Written notes on what is being covered will be available either in print or via a text/email.	10+	No max	Be able to not distract others in the class, read/listen to books at home	No	No	Venmo - @Melissa-Armstrong-23 PayPal - melissaLarmstrong@gmail.com	The book or audio we're covering, they may want a notebook and something to write with
Angelina Taylor	Eva Barnett		P.E.	PE	Kids will play outdoor games (sometimes indoor, depending on the weather), and try different sports and equipment. Frequent sports are soccer, various kinds of tag, kickball, and free play.	Kids will play outdoor games (sometimes indoor, depending on the weather), and try different sports and equipment. Frequent sports are soccer, various kinds of tag, kickball, and free play.	Any kind of tag, or fun things from the trailer	8+	30	None, but a positive attitude is appreciated!	No	No	N/A	N/A

Rachel Winsley	Melissa Armstrong	Melissa Armstrong	Technology	Snap Circuits	<p>What is electricity and how does it work? This class will teach the fundamentals of electrical engineering through the use of Snap Circuits. We will complete snap circuit challenges, demonstrate them. If time allows, we'll invent our own and prioritize show and tell to foster confident expression</p>	<p>Resources: The Electricity Project by 4H Snap Circuits Arcade Manual</p> <p>Week 1: Project 1: Red Light Project 2: Lights Project 3: Reverse Lights</p> <p>Week 2: Project 4: Arcade Project 5: Fast Arcade Project 6: New Pattern Arcade</p> <p>Week 3: Project 7: Arcade Dice Project 8: Word Fan Project 9: Just the Fan</p> <p>Week 4: Project 10: Disco Ball Project 11: Disco Pattern Project 12: Reverse Disco Ball</p> <p>Week 5: Project 13: Disco Ball w/ New Pattern Project 14: Just the Ball Project 15: Programmable Light Fan</p> <p>Week 6: Project 16: Busy Circuit Project 17: Games Selector Project 18: Lucky Doubles</p> <p>Week 7: Project 19: Lucky Sixes, Unlucky Ones Project 20: Risk & Reward Project 21: Enhanced Dice Game</p> <p>Week 8: Project 22: 3 Second Hold Project 23: 5 Second Hold Project 24: 10 Second Hold</p> <p>Week 9: Project 25: 20 Second Hold Project 26: Numbers & Letters Project 27: Red & Green</p> <p>Week 10: Project 28: Red & Yellow Project 29: Red & Red Project 30: Green & Yellow</p> <p>Bonus: Project 31: Homerun Derby Game</p>	<p>All lessons will be laid out step by step. The sub will continue with the class as planned. Snap circuits are a lot like LEGO in that there are step by step instructions that anyone can follow. I'll include a printed manual and information from 4-H on basic vocabulary for substitutes that may be unfamiliar.</p>	8+	We have 12 snap circuits sets. With the appropriate amount of volunteers, I think 1-2 to a set would be sufficient.	None	No	No	None	None
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Rachel Winsley	Melissa Armstrong	Melissa Armstrong	Math	Crazy 8's Math Club	<p>Crazy 8's Math club is designed by Bedtime Math. It's nothing like the competitive clubs that appeal to a select few; you'll build stuff, run and jump, make music, make a mess – it's a totally new kind of math club! Make mischief and memories with activities like Glow-in-the-Dark Geometry, Bouncy Dice Explosion and Pirate Treasure Hunt. You'll get to take home some cool gadgets, too. Crazy 8s can appeal to any child. Our goal with Crazy 8s is nothing short of overhauling our country's culture around math. While many Americans dislike or even fear math, we hope to raise a next generation who loves numbers. Here's how Crazy 8s fulfills that mission:</p> <p>★ It's recreational: Crazy 8s is hosted outside the school day only, so kids think of it as another playtime alternative. The activities get kids working together, building together, running and jumping together, so they can bond over math in a whole new way.</p> <p>★ It's linked to real life: Our hands-on, get-up-and-move activities explore the math behind kids' favorite things, like playground swings, treasure hunts, card games, puzzles – even robots and video games!</p> <p>★ It's proven: A study by Johns Hopkins University found Crazy 8s reduced kids' math anxiety after only 8 weeks in the club.</p> <p>https://s39684.pcdn.co/wp-content/uploads/2022/02/Crazy-8s-Kit-Preview-Summer-22.pdf</p>	<p>Weekly Sessions:</p> <p>Glow-in-the-Dark Geometry: Make geometric shapes using glowsticks. Lay out the sticks to create mystical repeating patterns. Then flick off the lights to see it all glow!</p> <p>Beach Ball Party: This is a party you won't want to miss! You'll use our star-studded beach ball to play volleyball, then go gaga chucking the ball against targets to score points.</p> <p>Spy Training: See if you have what it takes to be a spy. You'll break different codes for clues to find the hidden treasure!</p> <p>Daring Darts: Supersize the fun in this giant game of floor darts! Once we learn how to keep score, we'll use hunky sacks to play a few rounds.</p> <p>Crazy Card Club: Crazy 8s isn't just the name of our club; it's also a famous card game! Learn how to play it and other fun games using a deck of cards you get to keep!</p> <p>Bouncy Dice Explosion: Your big chance to throw things because you're supposed to. Find out the probability of rolling a 2 or a 5, then try to be the winning chip on a Bingo board.</p> <p>Pirate Treasure Hunt: Map out coordinates to create a secret picture. Use your skills to find the treasure before the pirates do!</p> <p>Flying Fuzzies: Send fuzzy pom-pom balls flying through the air using popsicle sticks and rubber bands. Figure out what launch positions work best, then measure the flight to prove it.</p>	8+	16	None	No	No	None	None
Rachel Winsley	Melissa Armstrong	Melissa Armstrong	Science	STEM Challenge	<p>STEM challenges are activities where students design, build, test, and improve solutions to problems using a combination of science, technology, engineering and math skills. Students are engaged in rigorous, higher-level critical thinking and problem-solving skills when they do STEM Challenges. We will engage knowledge attained from formal lessons at home meaningfully using a hands-on approach. As if all that weren't enough, students also develop the soft skills that college professors and employers say are essential to their future success: collaboration & teamwork, growth mindset, resilience, and perseverance in face of frustration and failure.</p>	<p>STEM Challenge</p> <p>Pressure: Air powered potato cannon</p> <p>Simple Machines: Build a snack machine</p> <p>Force and Motion: Magnetism</p> <p>Force and Motion: Propulsion</p> <p>Engineering: Bridge Design</p> <p>Halloween Challenge: Articulating hand, ghost rockets, candy catapults</p> <p>Engineering Challenge: K'nex</p> <p>Physics, Force & Friction: Physics of skateboarding</p> <p>Science of Flight: Paper Airplanes & DIY Wind Tunnel</p> <p>Christmas challenge: Sound waves (quiet a jingle bell), sensory play (silme), DIY Sleigh</p>	8+	No cap as long as we have enough volunteers	None	No	Yes	@mindfulbirth	None

Megan Andrews	Susanna Melson		Arts & Crafts	Intro/Beginning Sewing	This class is for those who have never used a sewing machine AND those who have, but are still a beginner sewer. I have 4 machines I can provide, so that will be first come first serve. Otherwise, the student will need to provide their own machine. To reserve a machine, please message me directly once you have registered and I'll set one aside for your child.	Students will learn sewing machine basics, machine safety, become familiar with different sewing tools, and different types of fabric. We will be sewing several projects, of which will depend on their skill level and whether or not they've already taken this class last term, and have already completed the project.	Directions in sub folder	8+		6	None	No	No	@Megan-Andrews-38	I do have a nice stash of fabric I'm happy share, but will need to know in advance so I can bring it. Each beginning project will use less than a yard, to keep your cost down. Each student should have their own scissors, seam ripper, and pins. Please label them!	
Megan Andrews	Not sure		Arts & Crafts	Intermediate Sewing	This class is for those who have experience sewing and want to get even better! If you're not sure if this class is right for your child, message me and we can chat about it! This class can be one block, or two! It's up to your student and what they prefer.** Pinterest has lots of ideas and free patterns. I also will be bringing my supply of patterns and tutorials that they can pick from.	Pick a project! I will work with each student at their level, and will help them pick projects that will stretch them, but also be enjoyable. Come prepared with projects in mind, and let's see what we can accomplish this term! Need help? Pinterest has lots of ideas and free patterns. I also will be bringing my supply of patterns and tutorials that they can pick from.	Each student will have access to their pattern/instructions and should be able to work independently if I'm not there.	10+		6	Have taken this class before OR have my approval. :)	No	No	@Megan-Andrews-38	Sewing machine, scissors, seam ripper, pins, cutting mat (if you have one), fabric and thread. I do have a nice stash of fabric I'm happy to share. Just let me know if you need some and bring what I have on a certain week. That way I don't have to bring it every week.	
Megan Andrews	Not sure	NA	Science	Natural Disasters	We will take a different natural disaster each week to discuss at length. There will be experiments during the term, where we will do our best to create some of these, on a smaller scale of course! We will discuss ways to prepare for a natural disaster to help ease any fears we may have about them. **Please use your discretion as this class may be upsetting to some kids.	Each week we will study a different natural disaster and there will be 4-5 experiments over the course of the term. We will also be making a notebook of illustrations of what we are learning.	Sub folder	8+		10	(but could do 12 kids with my approval)	None	No	Yes	\$2 fee @Megan-Andrews-38	Regular pencil, colored pencils, crayons, or markers. A folder to keep papers in.
Leisel Shupe			Technology	Typing	We will be using Typing Instructor Platinum, as well as other resources. Those who are brand-new to typing as well as those who have taken this class before are welcome to sign-up. We will be going through the lessons and games on the typing program, and we'll have some (optional) at-home work for practice as well.	Each week will be the same, following the Typing Island lesson sequence for most of the class time, then allowing free time to play typing games or do copywork.	Substitute teacher will only need to supervise the kids doing work on their own. I will submit a short page of instructions to follow.	8+		10	Some familiarity with a computer mouse and keyboard is helpful	No	No	@ladyleisel	Headphones or earbuds (required)	
Andrea Thomas	Sandy Mather	Lisa Johnson	Dance	Preschool Dance	Do you love to dance? Come learn some cool dance moves choreographed to fun music. We'll also practice simple tumbling moves and beginner exercises like somersaults, jumping jacks, and log rolls on floor mats.	Each week we will warm up, learn and practice a choreographed song, and do beginning exercises through fun obstacles courses.	A list of suggested warm ups and exercises will be provided. A video recording of the dance being worked on.	Elf Owls (2-5)		Max 10 children	Loves to dance :)	No	No	NA	NA	
Adrienne McElwain			Science	Geology 101	Learn Geology 101 at a college level by completing discussions and hands on assignments. This course will cover the rock cycle, definition of rocks, minerals, and fossils as well as: what we use minerals for everyday, how minerals are mined and processed, deadly minerals, how animals use minerals, minerals that fluoresce, minerals that do not obey the rules, and what is classified as a gemstone and the history of gemstones.	Week 1: The Rock Cycle Week 2: Definition of Rocks, Minerals, & Fossils Week 3: How we Use Rocks & Minerals Everyday, Identifying Rocks & Minerals Week 4: Deadly Rocks & Minerals Week 5: What are Gemstones, History of Gemstones Week 6: Fluorescent Rocks & Minerals Week 7 & 8: Mineral Families Week 9: All About Geodes Party Week 10: Ethics of Bringing Back Extinct Animals Presentations & Class Party.	Worksheets & Video Links will be provided.	12+		15	None	No	Yes	@Adrienne-McElwain or piratezeta@gmail.com	None	
Elizabeth Neratko	Becky Bluemel		Language Arts	Story Hour	Each week we will read a different picture book and then do a craft associated with the story. Then we will listen to a few chapters from a chapter book.	Each week will be a different picture book, craft and the chapter book will continue through the term.	We will provide a story book and a craft to be used.	4-7		15	None	No	Yes	@Elizabeth-Neratko-1	None	

Alison Johnsen	Elizabeth Neratko		Music	Singing Time and Centers	Each class will be divided between a guided circle time for singing together and a more open time for play with our sensory bins and other fine motor type activities.	Each week will follow the same basic routine of singing fun songs and then pulling out the sensory bins and fine motor centers.	A list of song suggestions will be provided for the emergency plans bucket with the preschool toys as another option.	Elf Owls (2-5)		18 None	No	No	n/a	None
Alison Johnsen			Language Arts	Read & Rest	Gather round and get comfy because it's time for a read-aloud. Whether it's a hero's quest or a sinister mystery, we're sure to find a good tale to experience together. *This class will be offered in subsequent terms and the reading selection may possibly carry between them. I'll do my best to choose a book that can be finished in one term, but options are severely limited by how many pages we can read each week. So, students should be prepared to finish a book on their own if we don't finish and they do not register for the following term.	Read from the selected novel.	I'll do my best to send a copy of the book to co-op with another family. If that is not possible, turn to the games library or a suggested episode from a storytelling podcast.	6+	20+	This is a quiet class. Students must be able and "willing" to listen quietly for the whole class block. If they are not interested in following that model, this is not the class for them.	No	No	n/a	May bring blanket, coloring supplies, or other quiet "fidget" activity if desired, but not required.
Helena T. Hall	Lisa Johnson	Lisa Johnson	Arts & Crafts	ELF Owls Art	Our littlest kids get to come have fun making art and letting their creativity flourish. Class fee is to replenish class supplies like stickers, and water painting pages. And More stickers, cause they're fun and popular.	Art, stickers, make a face stickers, crayons, coloring pages, blank paper, magic water color paint pages, sidewalk chalk. Repeat x 10.	Thanks for teaching this class in a pinch. Use any art supplies provided in the bag to let the kids create art. If needed you can also use the OWLS classroom supplies (crayons; mainly crayons for the ELF kiddos... if brave enough other stuff at your own risk, like markers, glue and scissors.) OR Weather permitting, pull out the sidewalk chalk (small can in sub bag) and go outside for the last ~15 mins - and go back to the ELF room. OR pull out the toys and have some playtime. :) Have Fun!	Elf Owls (2-5)		18 Come cute as you are.	No	Yes	@Helena-Hall-7 OR paypal.Me/HelenaT303	\$4 class fee.
Helena T. Hall	Lisa Johnson	Lisa Johnson	Arts & Crafts	Craftastic Artsy Tartsy	Craftastic Artsy Tartsy, kinda like fantasy, but only with artsy crafting smells! This is an Open Ended Crafting AND Relaxed Painting class. There will be a crafting table with open ended crafting supplies. There will be a painting table with supplies such as paper, acrylic paint sticks, paint markers and water cups for those that bring their own watercolor sets. The kids will Do art the entire time by Crafting and/or painting and/or other art creation-ing.	Do art the entire time by Crafting and/or painting and/or other art creation-ing. Repeat x 10.	Thanks for teaching this class in a pinch. Use any art supplies provided in the bag to let the kids create art. AND/OR If the kids have their watercolor sets they can use the paint paper if they want to paint. Have them help clean up. OR If they have their sketch pad they can create art in that too. If needed you can also use the OWLS classroom supplies (crayons, pencils markers, glue, scissors). OR If absolutely needed, I'm sure you can also go pick a game from the OWLS game supplies too. Have Fun!	6+		13 Be willing to Craft or Art the entire time. Be willing to paint and/or craft without formal instruction. Be able to help clean up.	No	Yes	Venmo @Helena-Hall-7 OR Paypal paypal.Me/HelenaT303	\$10 class fee. Students can just use what the class fee supplies. OR Students can bring their own Watercolor set, and drawing supplies (pencil, eraser, sketch pad) if they want to. Everything except watercolor sets will be provided.

Katie Walbom	Jessica Chavez	Korrina Robinson	Other	Yearbook	Let's make an awesome yearbook to celebrate a year of learning at OWLS! There are plenty of jobs to do: photographer, layout and design, copy writing, and editing. You will get to try a little bit of everything. We will work in teams to make sure all the fun gets documented. This will be a year-long project. Join us for one term, or all three -- it is up to you!	<p>Week 1: Discuss the layout of the yearbook. Discuss types of jobs. Create Teams. Talk about time management.</p> <p>Week 2: Focus on photography. We will talk about the mechanics of taking pictures and the ethics of taking pictures.</p> <p>Week 3: Focus on copy-writing. Discuss the basics of journalism.</p> <p>Week 4: Focus on design and layout. We will familiarize ourselves with the software.</p> <p>Week 5: Focus on editing. We will learn how to edit copy.</p> <p>Week 6-9: Work in teams to create pages for Fall Term</p> <p>Week 10: A party! -- if we have met our deadlines. If not, we are working like crazy to get it done.</p> <p>OR if I can get my hands on the modular curriculum from the yearbook company, we will use that.</p>	<p>Week 1: Discuss the layout of the yearbook. Discuss types of jobs. Create Teams. Talk about time management.</p> <p>Week 2: Focus on photography. We will talk about the mechanics of taking pictures and the ethics of taking pictures.</p> <p>Week 3: Focus on copy-writing. Discuss the basics of journalism.</p> <p>Week 4: Focus on design and layout. We will familiarize ourselves with the software.</p> <p>Week 5: Focus on editing. We will learn how to edit copy.</p> <p>Week 6-9: Work in teams to create pages for Fall Term</p> <p>Week 10: A party! -- if we have met our deadlines. If not, we are working like crazy to get it done.</p> <p>OR if I can get my hands on the modular curriculum from the yearbook company, we will use that.</p>	<p>Week 1: Discuss the layout of the yearbook. Discuss types of jobs. Create Teams. Talk about time management.</p> <p>Week 2: Focus on photography. We will talk about the mechanics of taking pictures and the ethics of taking pictures.</p> <p>Week 3: Focus on copy-writing. Discuss the basics of journalism.</p> <p>Week 4: Focus on design and layout. We will familiarize ourselves with the software.</p> <p>Week 5: Focus on editing. We will learn how to edit copy.</p> <p>Week 6-9: Work in teams to create pages for Fall Term</p> <p>Week 10: A party! -- if we have met our deadlines. If not, we are working like crazy to get it done.</p> <p>OR if I can get my hands on the modular curriculum from the yearbook company, we will use that.</p>	20	none	No	No	@Katherine_Walbom	Possibly a camera and access to a computer -- but I will loan my camera, and computer access will be needed if working on the project from home.
Adrienne McElwain	Ron Garza		Science	HS Chemistry with Labs (Pt. 1)	Learn High School Chemistry 101 with labs. We will explore Chemistry through board games, science experiments, videos and worksheets. Some homework will be involved.	Every week will include an experiment, board game or video, and worksheets. We will cover the periodic table of elements, how atoms are built, electrolysis, chemical change, and bacteria in the first 10 weeks.	Will be in the form of a bin left with OWLs that covers that week.	13+	15	N/A	No	Yes	@Adrienne-McElwain or piratezeta@gmail.com	A notebook and pencil
Alison Johnsen	Andrea Thomas, Elizabeth Neratko		Language Arts	Nursery Rhymes: A to Z (Part 1)	A tasket, a tasket! Aren't nursery rhymes fantastic? In this class, we'll work on our letter names and sounds by exploring them in the context of traditional rhymes. With a letter of the week as our guide, we'll learn and play together. And by the end of the year, students will have their very own anthology of nursery rhymes ready to take home to enjoy again and again. *Must take the class all three terms in order to cover every letter in class, but those joining in subsequent terms will still have a great time!	Each week will feature one letter of the alphabet. Fall term will cover A-J, winter term K-S, and spring term T-Z +revisiting favorite activities and rhymes. *We will begin by singing the Alphabet Song with one student practicing the skill of tracking the letters by pointing to each one as we sing it's name. *We will practice our letter of the weeks name and sound. *We'll complete some kind of exploration in making that letter. Tracing, crafting with playdoh, coloring with dot markers, etc. *We'll learn a nursery rhyme featuring our letter and add it to our nursery rhyme books. *We'll sing and play with various letter related activities.	If all of the teachers are missing without an opportunity to deliver materials, a packet of letter related activities will be available with the sub plans.	4-7	12	Students should be ready to be engaged in learning and practicing letters. They also need to be able to stay with the class and follow basic instructions. While we welcome some older learners, only 1/3 of the class will be open to 7 year-olds, so if your child is already proficient with letter names and sounds this isn't the class for them.	No	\$5 during the first term enrolled and \$1 in subsequent terms	cash only	None
Frank Crowther	Melissa Crowther		Music	Jam Band	Bring your voice or instrument of choice and let's jam! We will choose a songs to work on as a group and get them performance ready. You will learn all the ins and outs to a good jam session. It is required to have an intermediate level of proficiency. It will be a lot more enjoyable for you if you aren't focusing on the basics/technicalities of the instrument. Reading music is a plus, but not required. Bring your music and let's see what we can create!	As a class we will decide on song choices to work on. Each week we will meet together and learn the song(s). We will discuss what the different possibilities for instruments and voices to do in a group setting. They will learn what to listen for when playing with others. Every week we will be building skills that applied to the previous week and as needed by the students.	Rhythm games and suggestions for a jam. If the students have been working on their songs already then there can be an adult in there to supervise, but they will probably be able to run it themselves.	12+	10	Intermediate grasp of instrument or vocals. If you have questions about this please ask and we will be able to work it out.	No	None		Instrument and music each week.

Melissa Crowther	Kara White	Language Arts	Not Your Mom's Tea Party	We will drink tea and eat delicious treats all while speaking in optional ridiculous British accents. While we are doing this we might as well discuss one of the finer arts in life... POETRY! We will explore different forms of poetry and highlight a poet each week. Writing your own poetry will be highly encouraged, but not required. There will be opportunity to share your poetry or read another poem to the group. The menu each week will be an herbal tea and another optional beverage along with a treat of some sort. I promise the tea tastes better in a pretty cup! Pip-pip cheerio!	Each week we will discuss a different form of poetry. Some forms will take 2 weeks. A famous or obscure poet will be highlighted. Students will have the opportunity to write their own poetry and share it with the class. The second half of class will be spent with our food and drink while perusing and reading poetry aloud to each other. Week 1 and 2: Rhyming, patterns and word collecting. Featured poet: Robert Baldwin Week 3: Haiku Poetry. Featured poet: Issa Week 4 and 5: Speak Poetry. Featured poet: Sarah Kay Week 6: Limericks. Featured Poet TBD Week 7 and 8: Narrative poetry. Featured poet: Walt Whitman and Maya Angelou Week 9: Free Verse. Featured Poet: Mary Oliver Week 10: Review and Mega Tea Time	Poetry prompts and Poetry for Neanderthals game along with an Emily Dickinson book.	13+	15	None	No		\$10	Melissa-Crowther-4	Notebook and pencil or pen.	
Melissa Crowther	Leisel Shupe	Music	Music Discovery	Come sing, sway and stomp to the music! We will be learning songs, fingerplays, rhythm and all about instruments. It	We will begin the class with music playing and shakers and scarves brought out to play with. Then we'll go over a	Music story books with a CD for movement time. There will be a sheet with the fingerplay instructions on it as well.	Elf Owls (2-5)	18	none	No		None	none		
Susanna Melson		Social Studies	Journey to Japan	Are you intrigued by the mysterious symbols on ramen packets or in anime? In Journey to Japan we aim to make all things Japanese a little bit more comprehensible. Together we'll explore Japan's geography, history, language, art, and culture. Plus we'll learn to read hiragana, one of Japan's three writing systems. We'll practice simple vocabulary and common expressions. Even-numbered weeks are for presentations, where we'll share short reports (1 to 3 minutes) on a topic or topics we pick the week before from a list of possibilities. Odd-numbered weeks will be arts and crafts projects relating to something we learned the previous week (see the weekly plan list). There will be occasional card games and outdoor games. And with an Asian grocery in town it would be remiss of us not to have "taste of Japan" activities! (I'm learning as we go, too, so it should be an adventure for all of us.)	Week 1: Intro & Overview - greetings, quick tour, hiragana vowels, paper manekineko or origami, learn janken Week 2: Presentations: Geography and Natural History. Classroom map of Japan & make individual maps. Hiragana ka & ga rows + read our first book Week 3: nature painting with sumi-E techniques. Hiragana sa & za rows. Outdoor game. Week 4: Presentations: History and Cultural Sites - historical periods, timeline with historical figures. Hiragana ta and da rows. Read a book. Week 5: Create a Japanese Family Crest. Weigh the Evidence: Ninjas. Hiragana na row. Week 6: Presentations: Music, Dance, and Theater - theater styles, traditional dances & musical instruments. Hiragana ha, ba, and pa rows. Book. Week 7: Try our hands at bunraku puppetry, pop-up Bunraku theater. Hiragana ma row. Week 8: Presentations: Festivals & Holidays. Possibly only the ones in the autumn. Hiragana ya, wa, and n rows. Game. Week 9: Make individual sushi mini-rolls (no raw seafood). Drink herb tea (in place of regular tea ceremony). Hiragana ra row. Maybe make a carp streamer. Week 10: Presentations: Folktales & Myths. Oni, kappa, tengu, dragons, kitsune, etc. Also several folktales such as Momotaro, Inch-high Samurai, Kintaro, Palace of the Dragon God, etc. Card game.	Week 1: Intro & Overview - greetings, quick tour, hiragana vowels, paper manekineko or origami, learn janken Week 2: Presentations: Geography and Natural History. Classroom map of Japan & make individual maps. Hiragana ka & ga rows + read our first book Week 3: nature painting with sumi-E techniques. Hiragana sa & za rows. Outdoor game. Week 4: Presentations: History and Cultural Sites - historical periods, timeline with historical figures. Hiragana ta and da rows. Read a book. Week 5: Create a Japanese Family Crest. Weigh the Evidence: Ninjas. Hiragana na row. Week 6: Presentations: Music, Dance, and Theater - theater styles, traditional dances & musical instruments. Hiragana ha, ba, and pa rows. Book. Week 7: Try our hands at bunraku puppetry, pop-up Bunraku theater. Hiragana ma row. Week 8: Presentations: Festivals & Holidays. Possibly only the ones in the autumn. Hiragana ya, wa, and n rows. Game. Week 9: Make individual sushi mini-rolls (no raw seafood). Drink herb tea (in place of regular tea ceremony). Hiragana ra row. Maybe make a carp streamer. Week 10: Presentations: Folktales & Myths. Oni, kappa, tengu, dragons, kitsune, etc. Also several folktales such as Momotaro, Inch-high Samurai, Kintaro, Palace of the Dragon God, etc. Card game.	Week 1: Intro & Overview - greetings, quick tour, hiragana vowels, paper manekineko or origami, learn janken Week 2: Presentations: Geography and Natural History. Classroom map of Japan & make individual maps. Hiragana ka & ga rows + read our first book Week 3: nature painting with sumi-E techniques. Hiragana sa & za rows. Outdoor game. Week 4: Presentations: History and Cultural Sites - historical periods, timeline with historical figures. Hiragana ta and da rows. Read a book. Week 5: Create a Japanese Family Crest. Weigh the Evidence: Ninjas. Hiragana na row. Week 6: Presentations: Music, Dance, and Theater - theater styles, traditional dances & musical instruments. Hiragana ha, ba, and pa rows. Book. Week 7: Try our hands at bunraku puppetry, pop-up Bunraku theater. Hiragana ma row. Week 8: Presentations: Festivals & Holidays. Possibly only the ones in the autumn. Hiragana ya, wa, and n rows. Game. Week 9: Make individual sushi mini-rolls (no raw seafood). Drink herb tea (in place of regular tea ceremony). Hiragana ra row. Maybe make a carp streamer. Week 10: Presentations: Folktales & Myths. Oni, kappa, tengu, dragons, kitsune, etc. Also several folktales such as Momotaro, Inch-high Samurai, Kintaro, Palace of the Dragon God, etc. Card game.	10 max, no minimum	Ability to conduct a little research on your own, read out loud in class, and give short presentations in class. Fine motor skills for painting and writing hiragana. Willingness to commit 5 minutes a day to reviewing hiragana at home.	No	0				a pencil or pen

Becky Bluemel	Susanna Meison	Helena Hall, if available	Arts & Crafts	Crochet	<p>This term we'll use our crochet skills to create projects that help others. We'll either make Snuggles for shelter pets or squares for people in need of a good warm blanket. Any level of experience is welcome; for absolute beginners we'll start from zero and help build your skills, and for more experienced crocheters, we'll help you read patterns and learn new stitches. If you're entirely confident with crochet, you can even create your own patterns as long as they meet the guidelines for the specific project.</p> <p>We'd love to have a range of ages. Come sit with your friends and chat (or not), help out those who're learning, and know that your work will benefit a good cause!</p>	<p>Assess skill levels. Start the more experienced on their own patterns or on the set of patterns we have.</p> <p>For beginners: Introduce chaining. Introduce stitches. Introduce simple square pattern. How to read a crochet pattern (as we work through it).</p>	<p>We'll have knitting-themed coloring pages with a box of colored pencils in the emergency sub packet.</p>	10+	8, no minimum	<p>(Younger than 10 may be possible with teacher pre-approval.) Ability to sit still for 50 minutes, follow instructions, work semi-independently, and remain non-disruptive while waiting for help. Projects work best if the kids have reasonable fine-motor control skills. If there is group instruction we move between students giving help where needed, which may require students to work independently for 10 minutes or more at a time. If you think your child would need extensive 1-on-1 help, they are welcome to join our class but you should plan to be there to assist them.</p>	No	0	none
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Jillian Wilhite	Mariana Perez	Katie Walborn	Language Arts	International Literature	<p>Practice analyzing literature, promoting a better understanding of the world at large, and expanding our perspectives through the writing of authors from around the world. This class is designed to reflect the structure of college literature classes.</p> <p>Class will be graded on participation that includes weekly reading Reflections Notebook submission, and 2 Zoom calls will be available for when students are unable to attend the co-op.</p> <p>A Reflections Notebook is a place to write a short author study, short book summary, and keep notes on topics/themes/reference s that will provide the make-up of student essays.</p> <p>This term, we have a special guest instructor, Mariana Perez. Originally from Zulia, Venezuela, at age 15 Mariana Perez immigrated to the United States. She obtained a BA in Sociology and Criminal Justice from Weber State University, and a MA in Spanish and Latin American Literature from Idaho State University. She was awarded a mentorship with a Latinx author, Guadalupe Garcia McCall. Mariana Perez enjoys the outdoors, mountain biking with her sons and husband, healthy living, and being a mother.</p> <p>Expectation of students: -Access to a computer. (Venture High School in Marriott-Staterville has used Chromebooks for sale for \$25 each, if any student is in need of a computer.) -Join the Google Classroom, submit work there. -Obtain books from the booklist in a timely manner, and bring books to class for close reading. -Read 100-150 pages per week, beginning 1 week before the start of OWLS. -Participate in classroom discussion and analysis. -Keep a Reflections Notebook on Google Classroom, template will be available there. -Write 2 essays - one midterm and one final; 2 complete pages, 12 font, New Times Roman, double spaced, 2 references. The Reflection Notebook will help find the information needed to write your essays.</p>	<p>Prior to first week of OWLS, read House on Mango Street Week 1: -In class: Close Reading/Discussion of House on Mango Street, learn Reflections Notebook requirements. -Homework: Finish and submit Reflections Notebook page(s), read City of Beasts Chapters 1-7. Week 2: -In Class: Close Reading/Discussion of homework reading essays over the term. -Homework: Reflections Notebook submission, read City of Beasts Chapters 8-14 Week 3: -In Class: Close Reading/Discussion of homework reading -Homework: Reflections Notebook submission, read City of Beasts, Chapters 15-20 Week 4: -In Class: Close Reading/Discussion of homework reading, Reading Review, essay assistance. Discuss MLA format and plagiarism. -Homework: First Draft of Midterm Essay on topic from City of Beasts or The House On Mango Street. Week 5: -In Class: Close Reading/Discussion of homework reading. Further essay assistance. -Homework: Second Draft of Midterm Essay submitted. Week 6: -In Class: Close Reading/Discussion of homework reading. Sharing of essays. -Homework: Final draft of Midterm Essay submitted. Read Part 1 of Summer of the Mariposas. Week 7: -In Class: Close Reading/Discussion of homework reading -Homework: Reflections Notebook submission, read Part 2 of Summer of the Mariposas. Week 8: -In Class: Close Reading/Discussion of homework reading. Final Essay assistance. -Homework: Reflections Notebook submission, read Part 3 of Summer of the Mariposas. Week 9: - In Class: Close Reading/Discussion of homework reading. Reading review, essay assistance. -Homework: First Draft of Final Essay with references. The Reflection Notebook will help find the information needed to write your essays. Week 10: -In Class: Further essay Assistance, Essay Sharing. -Homework: Due by Sunday, Nov. 20th. Final draft of Final Essay submitted.</p>	Follow lesson plan	High School (14+)	20	N/A	No	None	n/a	<p>Notebook and writing utensil, or laptop - some way to keep notes from class discussion. Obtain books. Audio books are fine, but may be more difficult for in-class participation. Betterworldbooks.com is a great used book site. Book list: Cisneros, Sandra. The House on Mango Street Weber County Library - 6 hard copies, 1 ebook Davis County Library - 11 hard copies, 5 ebook Altende, Isabel. City of Beasts Weber - 3 hard copies Davis - 2 hard copies, 2 ebook McCall, Guadalupe Garcia. Summer of the Mariposas Weber - 1 ebook Davis - 3 hard copies De Cervantes, Miguel. Don Quixote, book 1 Reading selections provided by instructors</p> <p>Prior to first week of OWLS, read House on Mango Street</p>
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Katie Walborn			Language Arts	How to Write: Sentence Structure	This will be part one of a year-long class designed to teach middle school (or high school) students to write. During Fall Term, we will focus on sentence structure. Winter Term, we will focus on writing paragraphs. Finally Spring Term, we will try our hand at essays. There will be in-class instruction and some homework. During this first term, there will be some review of the parts of speech and an introduction to diagramming simple sentences. There may be some (parent-approved) candy incentives offered as rewards for completed work. Grades can be given upon request.	Week 1: What is a sentence? And the Four types of Sentences. Week 2: Focus on run-on sentences. Capitalization and Punctuation rules. Week 3: The parts of a sentence: Subjects and Predicates Week 4: Verbs. A verb is what makes a sentence work. Learn all the types of verbs. Week 5: Combining sentences. Properly combining two related ideas into one complete sentence. Week 6 and 7: Adding compliments to sentences. Expanding our sentences using adjectives and adverbs. Week 8: Using figurative language: Similes and Metaphors. Week 9: Using figurative language: Personification and Alliteration. Week 10: Review games.	The review games for my last week of class will be my sub plan, along with some mad-libs.	10+		20	Ability to work on writing independently.	No	\$3 for folders, copies, and possibly candy.	@Katherine_Walborn	none
Amber Phillips			Technology	Intro to Coding w/Scratch	We will be using a scratch program offline to learn basic code and create multiple computer programs. Goal of the class is to help students become familiar with programming terms and understand how to write basic coding instruction. This class would be good introduction for a child interested in more advanced coding projects like Lego robotics.	Week 1-Intro to Coding. Learn terms and definitions. Introduce menus and controls. Week 2-Learn new term. Review tutorial for name blocks activity. Week 3-Tutorial for sound and color Week 4 Animate a character Week 5 Make music Week 6 Create a pet Week 7 Race Car Game Week 8 Create a Story Week 9 Student's choice/make up Week 10 Student's Choice	Kids will be able to access the program offline .	8+		15	none	No	none		students may bring in their own laptop if they wish. Offline Scratch program must be downloaded to the computer.
Randy Whetton		Shelly Leavitt	Life Skills	Money Master	MoneyMasters is a financial literacy program aimed at building the personal financial literacy for young people. This class is designed as blended learning that leverages interactive and engaging digital sequences with in-class discussions, extended activities and opportunities to engage a students understanding and behaviors of personal finance. Planning for the Real World. This program expands financial literacy.	Week 1-Intro to Coding. Learn terms and definitions. Introduce menus and controls. Week 2-Learn new term. Review tutorial for name blocks activity. Week 3-Tutorial for sound and color Week 4 Animate a character Week 5 Make music Week 6 Create a pet Week 7 Race Car Game Week 8 Create a Story Week 9 Student's choice/make up Week 10 Student's Choice	Material will be provided curriculum is open and go for an essay transition to any instructor to teach in my place	High School (14+)	5-20		none	No	none	N/A	None
Sandy Mather	Ruth Silver		Cooking	The Great Cake Bake Off!	Learn how to decorate cakes for a variety of different occasions. We will use traditional frostings as well as fondant. Students will be emailed a list of supplies they will need to bring with them to each class. We will use Styrofoam and Rice Krispy forms for most of the class to help reduce cost. But the final project will be real cake!	Types of fondants and why their differences are important. Piping a variety of different edges. Frosting a cake smoothly. Shapes and leaves. Coloring frosting. Flowers. Stenciling and air brushing. Layering and building structures. Themes project to present.	et them practice and work on their current project. Watch tutorial videos of master cake designers.	10+		12	be able to listen well and follow instructions.	No	\$20 to help cover cost of frosting provided to you, as well as laminate practice card sets, piping bags, tips, leaf tools, spatulas. each student will get to keep.		I will get everything so we make sure to have consistency. That is why the class fee is higher than most. But they will get to keep their supplies. And they will need to provide the real cake for their final project because they get to pick flavors based on their theme.

Katie Walbom			Science	Exploring Space	Have you ever looked up in to the night sky and wondered what is out there? Let's find out together! We will read books, watch movies, and do projects to answer the question "What is out there?"	I am still working out the particulars, but we will cover the following concepts: 1. Our place in space. Where are we? 2. What are stars? 3. What are constellations? 4. What is a planet? 5. What makes each planet special? 6. What is the moon? 7. We are moving through space!? How do we know? 8. What is the difference between a comet and an asteroid? 9. How do scientists study space?	I will have some books, movies, and a worksheet or craft in a sub kit.	6+		15	none	No	\$3 for copies, craft supplies, and stuff.	@Katherine_Walbom	none
Eva Barnett	Wane Ness		Social Studies	Teen Hang Out	Play D&D or Magic, chit-chat, braid your hair, talk about boys in a circle, be on your phones, spin around in circles, be bored and do whatever other legal, PG teen stuff ya wanna do!	We will let them socialize or be loners, play games or do nothin' -whatever they like! Food may be involved the last week of class if people want to share treats or bring something special.	Board games, if needed	13+		25	Be a teen	No	None		Stuff for whatever ya wanna do
Maecy	Eva		Dance	Line Dancing	Learn all the fun line dances! One each week!	Learn all the fun line dances! One each week!	Macarena	8+		3-20	none	No	NA	NA	NA
Maecy		NA	Arts & Crafts	Wood burning	Learn all the fun line dances! One each week!	Learn all the fun line dances! One each week!	Wood rounds that can be worked on	11+			10	Ability to obey safety rules. Purchase your own	No	\$10	Venmo @Maecy-Palkki A simple woodburning kit Amazon has for \$11.99
Andrea Thomas			Music	Folk Songs	Learn all the fun line dances! One each week!	Learn all the fun line dances! One each week!	I will have instructions with what song and activities to teach. A link to listen to the music so you don't necessarily have to sing for the class.	6-11		12	Willing to sing a song multiple times each week and participate in our activities. Ability to read will be helpful to follow along with lyrics. Follow directions.	No	\$2	@Andrea-Thomas-134	None
Becky Bluemel			Math	Rubik's Cube Club	Come join the fun of solving a Rubik's cube! This class is for both beginners and advanced cubers. Beginners will learn the steps to solve the cube. Advanced learners will learn more advanced methods and algorithms to improve their speed solving skills. There will be challenges and competitions. We will examine other types of cube puzzles as well. It's going to be a blast!	Beginners: Each week we will advance through the steps of solving the 3x3 cube. Advanced: Each week will focus on more and more challenging concepts such as F2L method, eyes shut, other puzzles, speed races, etc.	Beginners will continue to practice what they have learned so far. Advanced students can practice skills, race, or help beginners master basics.	10+		10	Must be willing to listen to instructions and keep trying even when it seems really hard. Must obtain a cube and remember to bring it each week.	No	none		Student must obtain their own cube. We have liked these better than Rubik's brand for speed cubing. Anything similar though will work. https://www.amazon.com/gp/product/B00PM7220I/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
Becky Bluemel			Arts & Crafts	Animal Fun	Each week we will talk about a different animal. We will read books, sing songs, do activities, and crafts related to the animal of the week.	Each week we will talk about a different animal. We will read books, sing songs, do activities, and crafts related to the animal of the week.	A lesson plan will be submitted with an animal theme.	Elf Owls (2-5)		18	n/a	No	\$2	Paypal: starlightsmile@hotmail.com	none
Jill Christiansen			Math	Adventures of Sir Cumference	Travel to Angleland where we will meet a great Knight, Sir Cumference. We will join him and his friends in their mathematical adventures. After reading about their exploits, we will embark on mathematical adventures of our own	Each week we will read a Sir Cumference book and do activities to connect to the math concepts introduced in the book.	Sir Cumference book and activities	5-8		10	None	No	\$5	@Jill-Christiansen-13	None.
Jill Christiansen			Language Arts	Show and Tell	This will be a class of sharing and stories, listening and laughing. Each week children will bring something to show or tell the class. In addition, we will read books and poems, play games, do tongue twisters, and have fun.	Each week will have a topic for show/tell items, as well as games/books/activities pertaining to that topic	Books and activities to fill time beyond the show/tell time	6-11		15	None	No	\$0		None
Melissa Crowther			P.E.	P.E. and Games	Come play outside and have fun learning new games together! We'll do obstacle courses, play tag, soccer and more!	We'll start up with some warm up exercises and then introduce the game of the day. There will be time for free play at the end and stretching before wrapping it up. 1-Different forms of Tag 2- Obstacles 3-Ball tossing and catching 4- Soccer 5- Jump Rope rhymes and games 6- Kick ball 7- Tumbling 8- Ninja 9-Captain Crew 10-Relay Races	Use the activity box from the trailer and let the kids free play.	4-7		no	none	No	None		Sturdy shoes each week and a jacket for weather.

Korrina Robinson		Theater	So You Want to Be a Shakespearean Actor?	This class will be an introduction to classical acting. We will briefly study Shakespeare and the Globe Theatre and then study one of his plays. We'll learn about how classical acting is different from modern acting. Everyone will have a chance to study, rehearse and perform (on film) a scene from one of Shakespeare's plays. There will also be lots of theatre games and warm-ups each week.	1 - William Shakespeare and the Globe theatre 2 - Intro to The Comedy of Errors 3 - The 7 Levels of Tensegrity 4 - Discuss Acts 1-2, Choose Scenes, and Start Scansion 5 - Discuss Acts 3-5, Start Memorizing 6 - Diction, Pitch, Volume, Tempo 7 - Rehearse Scenes 8 - Rehearse Scenes 9 - Rehearse Scenes 10 - Film Scenes for YouTube	I will provide some easy theatre games to play.	13+	20	None	No	None		A copy of the book
Ruth Silver	Shelly Leavitt	Science	Come to your Senses	This class the kids will explore their senses. There will be times that we will have food in this class. condiments, apples, onions, among other items. Please make sure to let us know if there are food allergies.	Open your Eyes - sight Look Deeper - sight Good Vibrations - hearing Now hear this - hearing Only skin deep - touch What Nerve - touch The taste test - Taste Tasting Team - Taste The nose Knows - Smell Be Nosey - Smell	Lesson plan will be provided.	5-8	10	none	No	\$4 for consumable supplies	@bsleavitt	none
Adrienne McElwain	Ron Garza	Technology	Simple Machines	Building and experimenting with simple machines. We will using lots of arts and crafts to build and play with simple machines. We Will read books, create simple machines, and test our machines out.	Lever Pt 1 - Dominos Falling Over (Class 3 Lever) and Hammer Project *Lever Pt 2 - Make Catapults & Have Catapult Food Fight (Outside) and Spoon Egg Race Wheels & Axels Pt 1 - Race Balloon Cars Wheels & Axels Pt 2 - Make Pinwheels Screws & Wedges Pt 1 - Lid Band (Screw on Lid Containers Drums) Screws & Wedges Pt 2 - Scissor Art Inclines & Planes Pt 1 - Marble Run Challenges Inclines & Planes Pt 2 - Play Mouse Trap Pulley Pt 1 - Pulley Donut Eating Contest (Outside) *Teams* Pulley Pt 2 - Pulley Sandbox Project *I've done this before with grapes they don't actually make a big mess we can do it on the grass and then clean them up. I will clean up the egg mess again can be done outside.	Supplies and story book will be supplied.	6-11	20	N/A	Yes	N/A		N/A
Ron Garza	Adrienne McElwain	Language Arts	How to Write a 4 Paragraph Paper	Learning to write a traditional 4 paragraph paper. We will start with writing 1 paragraph and work our way up to the 4 paragraph paper.	1 - Writing Styles 2 - First Paragraph 3 - Writing on & adding details. 4 - Second Paragraph 5 - 2 Paragraph Paper 6 - What Else Can I Write About ? 7 - 3rd paragraph 8 - 4th Paragraph 9 - 4 Paragraph Paper 10 - 4 Paragraph Paper assignment due/presentation/class party.	Written instructions on the week's topic	11+	20	N/A	No	N/A		Notebook, writing instruments. Students may bring a laptop to type on.