












Grade 6-7 Week 1- Summer

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following link to read about an article about the Solstices. https://www.science-sparks.com/what-is-the-summer-solstice/ then watch a short video explaining solstices https://video.nationalgeographic.com/video/101-video-shorts/00000160-7547-df2f-a17d-77d7ae7a0000</p> <p>Describe how the Summer Solstice occurs and what it means for us.</p>	<p>Think of your favorite summer memory then describe it in a short story. Include sensory detail and description to bring your story to life.</p>	 <p><i>Materials: legos or other building materials, alka seltzer, tacky glue or paint bottle (see picture)</i></p> <p>Begin by constructing a vehicle that will be propelled. This must have working wheels to get it to move. Next, attach an empty tacky glue bottle. ***It is important to use a bottle with a cap that pops up, not a screw cap otherwise the car won't move. Fill the container $\frac{2}{3}$ with water. Break an alka seltzer in half, drop it in, and quickly close the bottle. Once the pressure builds, the cap will shoot off, propelling the rocket forward. See how far you can launch it. Afterwards, try other containers and see if they move the car further.</p>	<p><i>Materials: paper, black marker</i></p> <p>Create your own math equation coloring sheet. Begin by drawing a summer scene with a dark colored marker. Draw just the outlines of the picture (not coloring in the sections) and leaving enough room in different sections to write equations. Next, write equations in each of the blank spaces. Try to use at least two math problems from each unit you have learned this year. Make sure you are creating an answer sheet as you go and are thinking about what colors/ answers you want each problem to have. You can even start by selecting answers/ writing a key before writing the equations. Create a key that tells the person completing the sheet how to color each section. See the link below for ideas http://www.nordcollective.com/</p>	<p>Test out one of these watermelon themed dessert recipes. Try to use ingredients that you already have in your house. You can also check out the recipes for ideas and then come up with your own watermelon creation.</p> <p><i>Watermelon Frozen Yogurt Pops (Less than 5 ingredients)</i> https://www.thepartiologist.com/2014/06/watermelon-yogurt-pops.html</p> <p><i>Fruit Pizza</i> https://hungryhappenings.com/strawberry-kiwi-fruit-pizza-watermelon/</p> <p><i>Watermelon Cookies</i> https://amandascookin.com/watermelon-cookies/</p>
<p>Use the following link to listen to "And then Comes Summer" https://www.youtube.com/watch?v=EVWffSM2_g</p> <p>As you are listening, look for at least 2 examples of each of the following</p> <ul style="list-style-type: none"> • Simile • Onomatopoeia • hyperbole • Metaphor • Sensory images 	<p>Make a calendar for the month of July and come up with an act of kindness for each day of the week. This can be as simple as helping at home with chores without being asked or a bigger task like volunteering in your community. Keep track of which acts of kindness you completed. Try to complete as many as possible.</p>	<p>How does color impact temperature? <i>Materials: four containers, water, construction paper, scissors, tape, thermometer</i></p>  <p>Begin by covering each container with a different color construction paper. Place the same amount of water in each container (use a measuring cup or the same size glass). Record the temperature of each container. Place the containers in a sunny spot. Test the temperature for at least an hour every 10 minutes. What happened to the water in each container? Which container heated up the most/ which heated the fastest? Why?</p>	<p><i>Materials: ruler, tape measure, pencil, graph paper</i></p> <p>Measure the furniture items in your room (bed, dresser, etc.) and record their length and width then measure the length of width of the entire room and record the measurements. On a piece of graph paper, draw the room to scale using the squares on the graph paper to represent the space in the room (i.e. 2 boxes on the graph paper=1 foot). Make sure you add the locations of doors, windows, closets, and any large pieces of furniture. For an added challenge, design your dream bedroom. You can change your room dimensions and use the measurements from the furniture as a guide for the size of new furniture.</p>	 <p><i>Materials: old crayons, cardboard piece, cardboard or trash bag to cover work space, blow dryer, glue</i></p> <p>Begin by gluing your crayons onto a piece of cardboard, cardstock, etc. You can arrange them like a rainbow at the top or create your own pattern/ design. Once the glue has set, use a hair dryer to direct heat at the exposed tips of the crayons. This will slowly cause the crayons to melt and drip down the paper. Standing the paper up as you dry it will help make interesting drip patterns. Make sure you cover any surface that you are working on to avoid melted crayon mess. Once the crayons have melted to your liking, let them cool, dry, and harden. You can even add a drawing or picture underneath where they have melted.</p>
<p>Use the following link to read "Turtle Summer" https://www.myon.com/reader/index.html?a=m3_syldel_turtle</p> <p>Describe how the turtles' lives developed and changed throughout the summer. Organize your description by month.</p>	<p>What if the seasons were reversed in the US and summer was actually cold? How would this impact your school schedule? Would you prefer a cold summer and hot winter? Why or why not?</p>	<p><i>Materials: container of water or filled sink/ tub, household items</i></p> <p>In this activity, you will be testing items that sink or float. 8 household items- 4 that you think will sink and 4 that will float. Make a chart with your predictions for each. Next, test each item by placing it in a container of water. Record the outcome and whether your prediction was correct or not. Make note of why you think this item sank or floated</p>	<p><i>Materials: deck of cards (ace=1, jack=11, queen=12, king=13)</i></p> <p>Shuffle the deck and draw 5 cards to place face up. Draw one additional card that will be the "target card." Use the cards that are face up to create an equation that will equal the target card. You have to use at least two cards but try to use more or all of them for an added challenge. You can play this with multiple players by giving each player a set of face up cards and trying to get a longer equation to win.</p>	 <p><i>Materials: recyclable items, household items, markers</i></p> <p>Create a game that you can bring in the car using only items in your house, especially recyclable items. The game pictured above uses 3 materials to create tic tac toe which can be easily transported. Design your own game that can go in the car for a road trip. Items like bottle caps make great game pieces. You can make a game you already know (like tic tac toe) or make a completely new game.</p>





Grade 6-7 Week 2- ice Cream

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following links to compare the history of ice cream to the history of chocolate. How were the developments of each item similar and different?</p> <p>https://www.idfa.org/the-history-of-ice-cream</p> <p>https://storyworksjr.scholastic.com/issues/2018-19/090118/the-history-of-yum-when-chocolate-tasted-yucky.html?#On%20Level</p>	<p>Write an argument about which ice cream flavor is the best. Give evidence to support your opinion. You can even research stats on favorite ice cream flavors to support your opinion.</p>	<p>Use the following link for a recipe to make your own ice cream using just five ingredients.</p> <p>https://www.thebestideasforkids.com/ice-cream-in-a-bag/</p>	<p>Using the nutrition information on the back of the ice cream container, find out how many calories, sugar, and fat are in one serving. Next, find 5 of your favorite foods. Use the nutrition information to compare these items and find out which is the healthiest. Make a chart showing the data from the different foods. How did ice cream compare healthwise to your favorite foods? For items like fruits/ veggies, use the internet to find out nutrition information.</p>	<p><i>Materials: ice cream or ice cream toppings, blindfold</i></p> <p>Challenge your taste buds and have a blind taste test. Have a friend, sibling or parent blindfold you and then give you samples of different ice creams or toppings. Try to guess what you are sampling and write down which guesses were correct. Do the same with your friend or sibling and see who could figure out the most flavors.</p>
<p>Read the following article about the debate of changing types of museums</p> <p>https://art.scholastic.com/issues/2017-18/030118/this-is-a-museum.html</p> <p>Visit the website for the NYC Museum of Ice Cream</p> <p>https://www.museumoficecream.com/new-york-city</p> <p>Do you think it should be considered a museum? Why or why not? Use information from both sources to support your answer.</p>	<p>Write a funny story from the point of view of a carton of ice cream. Be sure to include the ice cream's thoughts/ feelings and to use descriptive language. Consider if you want the setting to be the grocery freezer, home freezer, or perhaps a bowl waiting to be eaten.</p>	<p><i>Materials: two or more types of ice cream, bowls, timer</i></p> <p>Place a small scoop of each in separate bowls and place out on the counter. Make a prediction about how long you think it will take for each scoop to fully melt. Check on your ice cream scoops every 5 minutes and record the progress until they are fully melted. Which ice cream melted faster? Why do you think one melted faster than the other? Check the ingredients and compare. How are they different? Do you think this impacts melting? Refreeze the ice cream samples to eat later.</p>	<p>Before beginning, write down how much you think it would cost for you and 5 friends to go to an ice cream store. Use the following link to access a menu for an ice cream shop</p> <p>https://www.serendipity-icecream.com/ice-cream-shop-menu</p> <p>Make a list of yourself plus 5 friends or family members. Create an order for each person and calculate the cost for the trip to the ice cream store. Was this close to your estimate?</p>	<p><i>Materials: ice cream sundae toppings, bowls, spoons, ice cream</i></p> <p>Create a scavenger hunt for a friend, sibling, or parent by hiding different ice cream sundae components and then writing clues for the others to find. The ice cream of course will have to be in the freezer but hide the rest of the items for a challenging and delicious hunt. For an added challenge, try to make the clues rhyme.</p>
<p>Read the following article about the science of ice cream</p> <p>https://www.sciencenewsforstudents.org/article/screaming-ice-cream</p> <p>What factors impact the quality of ice cream?</p>	<p>Do you think ice cream should be eaten/ served during the winter? Why or why not?</p>	<p>Cut a piece of paper in half the long way and tape together to make a long strip. Make a timeline showing the history of ice cream. Be sure to use appropriate increments of time and label each point on the timeline. Use the following link to find info about the history</p> <p>https://www.idfa.org/the-history-of-ice-cream</p>	<p>Use the following link to play an online ice cream shop game. Change improper fractions to mixed numbers to make the correct customer orders.</p> <p>https://mrnussbaum.com/clara-fraction-s-ice-cream-shop-online-game</p>	<p><i>Materials: ice cream</i></p> <p>With your parent's permission, challenge a friend or sibling to an ice cream eating contest. Place ONE scoop of ice cream in each bowl then try to eat it faster than your competitor WITHOUT using your hands. Contestants must eat the ice cream scoop with their hands behind their backs.</p>





Grade 6-7 Week 3- At the Beach

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Read the following text about kids finding lost treasure https://scope.scholastic.com/issues/2015-16/020116/Lost-and-Found.html What would you have done in that situation? Do you think they made the right decision?</p>	<p>Take a look at beaches in other parts of the United States. How does it compare to beaches in the area? Write about their similarities and differences.</p>	 <p>Materials: construction paper, cardboard, tape, coins or washers, bucket, water, household items</p> <p>In this activity, you will be working to create a phone case that is both waterproof and retrievable. This case must be the perfect item to bring to the beach to help anyone who has ever dropped their phone in the water. DO NOT use a real phone to test your design. To test your design, make a phone out of cardboard that is the same size and shape. On the back of the “phone,” tape coins or washers so that the cardboard phone is a similar weight to a real phone. Next, think about items around your house that could help make this phone case. Create a drawing and list of materials then build your design. Once the design is built, test it out using your cardboard phone. Did it stay waterproof? Were you able to easily get it out of the bucket?</p>	 <p>Materials: graph paper</p> <p>In this activity, you will be creating a treasure hunt. Begin by drawing a coordinate plane on a piece of graph paper. Create a map of your backyard, neighborhood, local park, etc. on a piece of graph paper. For example, in the park you might draw the path, bench, and swingset. On separate pieces of paper write different coordinates to match locations in the park with a clue. For example, “head to (6,7) first” with (6,7) matching a bench on your map. Once you have finished all the coordinate clues, you can hide them in the corresponding places in the area. Give your map to a friend or family member and the first clue then have them use the map and coordinate clues to work to find the final hiding spot (the treasure). You can even leave a fun prize for them to find at the end or at each stop.</p>	 <p>Materials: paint (sand color, green, white, dark brown, aqua, medium blue, sky blue), paintbrushes (one skinny brush and one wider brush), cardboard/ construction paper</p> <p>Use the following link to watch step by step instructions on how to create your own beach scene. This video uses a canvas/ specific paint colors but you can do the same steps on heavy construction paper/ cardboard with your own paint selection. Feel free to mix colors to make a unique painting. *This is a longer video since its step by step. You can also skip around for pointers rather than watching each step. https://www.youtube.com/watch?v=YQS_WESiIGA&feature=youtu.be</p>
<p>Use the following link to read “Sea Turtles Race to the Sea” https://www.myon.com/reader/index.html?a=ae_seatu_s11 Describe a sea turtles role in the coastal ecosystem. Why are they important?</p>	<p>Write about the 3 beach activities that you think are the best. Explain what makes these activities the best to try to convince your reader.</p>	 <p>Materials: pencil/ skewer, sidewalk chalk, clay/ playdoh, rocks</p> <p>Create your own sundial and use the sun to tell time the way ancient societies did. Begin by finding a sunny location. Place a pencil or skewer upright using clay/ playdoh to secure it. Each hour, come out and place a rock where the shadow is pointing and mark the time in chalk (try to do this for 4-6 hour marks, not necessarily consecutive hours). The next day, check the times and see if they match.</p>	<p>Determine how much a day at the beach would cost for a family of 6. Locate the closest beach to your home then consider would you drive, take public transit, etc.? Record the cost. If you are driving, is there a cost to park? Would you bring food or buy food? Calculate the cost of a day at the beach then consider how much the price change would for a family of 4?</p>	<p>Take a trip to the beach or other body of water. Use stones, seashells, etc. to write a positive message on the sand or path. Take a picture and send it to a friend or family member to brighten their day</p>
<p>Use the following article to learn about unique beaches https://www.dogonews.com/2012/4/7/these-are-no-ordinary-beaches Select one of the beaches to do additional research about. What location did you select? Why should tourists visit this beach?</p>	<p>Imagine you have been shipwrecked and are lost on a desert island. Describe your first two days on the island. Include your thoughts, feelings, and dialogue (especially if other people have been shipwrecked with you). What is your plan for survival?</p>	 <p>Materials: scissors, paper towel/ toilet paper rolls, ruler or tape measure</p> <p>In this activity you will be competing with a friend/ sibling/ family member, to build the tallest “sandcastle.” Collect at least 10 toilet paper rolls Or use construction paper rolled up in the same shape/ size as a toilet paper roll. In each roll, cut 2 square shaped notches at the top. Set a timer for a specified amount of time (30 sec/ 1 minute etc.) and then compete to build the tallest sandcastle. While the goal is to make the tallest sandcastle, the sandcastle must also be able to remain standing to be measured.</p>	 <p>Materials: permanent marker, beach ball or other ball that you don't mind writing on</p> <p>On a beach ball, write 5-6 math problems in each section. Use math problems from different units that you have learned this year. Grab a friend or family member and toss the ball back and forth. Wherever your right thumb lands or whatever problem is closest, will be the problem to solve on that turn. You can either have each player solve the problem at the same OR have one player solve a problem for their turn. Make sure the answer is correct before moving on. You can also make this a point system with correct answers getting a point.</p>	 <p>Materials: scissors, glue, paper (Optional: sand, cardstock, patterned paper)</p> <p>Use the following link to follow the directions for making this beachscape. If you cannot print the template, make your own on plain paper. If you do not have patterned paper, make your own by drawing patterns on plain paper. https://merakimother.com/paper-weaving-craft-for-kids</p>

Grade 6-7 Week 4- Under the Sea

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Read the following articles about dolphins. After reading, compare how dolphins are depicted in the articles. How are they described differently? Based on both of the articles, what do you think are suitable activities and habitats for dolphins?</p> <ul style="list-style-type: none"> https://sn4.scholastic.com/issues/2019-20/090219/dolphins-on-duty.html#On%20Level https://storyworksjr.scholastic.com/issues/2018-19/100118/saving-the-dolphins.html#On%20Level 	<p>Write an article describing the challenges that are facing the oceans today with an emphasis on how humans can impact the future of oceans.</p>	<p>BOAT BUILDING: A SUMMER (OR ANYTIME) STEM Challenge</p>  <p><i>Materials: plastic container/ aluminum pan, household materials, timer, straw</i></p> <p>In this activity, you will be designing and building two boats to compete in a sailing race. Begin by drawing a design of your boat that includes a sail as well as the materials you will need to make it. You can use materials such as aluminum foil, clay, play doh, cardboard, fabric, paper towels, toothpicks, etc. Create two different boats and set up your pan with enough water for the boat to float. The first test is to make sure both boats will float. If not, design so you have two floating boats. Next, set a timer/ stopwatch and use a straw to blow air on the sail and move it across the pan. Record the time it takes to get the first boat across. Do the same with the second boat and see which design is the fastest. Why do you think one design was faster than the other?</p>	<p>Use the following link to access a list of ocean temperature data. In this activity, you will be creating a graph to show how the ocean temperature has changed</p> <ul style="list-style-type: none"> Use the column titled “actual temp” as well as the year The actual temp is listed in Celsius. If you'd like, you can change this to Fahrenheit to make the numbers easier to understand using google Make sure your graph is detailed enough to show the small changes in the average temp. And is properly labeled <p>https://www.jpl.nasa.gov/edu/pdfs/global_annual_mean_temp_anomalies_land-ocean_1880-2016.txt</p> <ul style="list-style-type: none"> What does the data tell us? Why is this significant? Read the following article to find out more <p>https://www.nationalgeographic.com/environment/oceans/critical-issues-sea-temperature-rise</p>	<p><i>Materials: rectangular plastic container or aluminum tray, sand (play sand or sand collected from the beach), cardboard, straw, water</i></p> <p>Create your own beach model using a rectangular container. In this activity, you will test how water and wind erode a beach as well as ways to prevent erosion. Use the following video to see how to arrange your beach. After each test with water, pause and see if you can limit the amount of erosion by changing the beach (adding rocks, etc.)</p> <p>https://www.youtube.com/watch?v=ZNJe6hrdL3M</p>
<p>Use the following link to read a biography about ocean explorer Sylvia Earle</p> <p>https://www.myon.com/reader/index.html?a=wic_sylviaear_f14</p> <p>Describe five major events in Earle’s life. How did these events impact her as an ocean explorer?</p>	<p>Write 2 poems about the ocean or a creature that lives in the ocean. Write the first poem as a haiku (three lines with 5 syllables in the first line, 7 syllables in the second, 5 syllables in the third) and the second as a rhyming poem</p>	<p><i>Materials: small ball/ marble, bowl, water, building materials (cardboard, pipe cleaners, toothpicks, tinfoil, etc.)</i></p> <p><i>Optional: food dye for making a fun water color</i></p>  <p>In this activity, you will be working to design a waterslide. The waterslide should have at least 2 turns and needs a ladder or other way to get to the top. It will end in a small bowl of water. As you are designing, think of ways water slides are made to make them more exciting but also make sure your slide is safe and secure so that the marble will be able to make it safely into the bowl. After constructing your slide, fill a small bowl with water. You can also pour a small amount of water down the slide as you test it. Place the marble or small at the top and let it go for a ride. Your slide is successful if the marble makes it safely to the bottom. If it doesn't think of ways you can improve your design.</p>	<p><i>Materials: pictures and measurements of blue whale, sidewalk chalk, a big space to draw, tape measure</i></p> <p>Measure a whale</p> <p>Practice your measuring skills by researching the length of a blue whale and then drawing it. Begin by finding a very large area to draw (i.e. an empty basketball court, parking lot, sidewalk, etc.). Use the tape measure to mark the length of the whale then use the length as the starting point to draw the whale. You can also scale your blue whale (i.e. 1 inch= 1 foot). Use the following link to read more about blue whales</p> <p>https://www.natgeokids.com/nz/discover/animals/sea-life/10-blue-whale-facts/</p>	 <p><i>Materials: construction paper, paint, water, straw</i></p> <p>In this activity, you will be making coral by painting with a straw. Begin by selecting a blue color background and drawing or cutting paper to create the sandy floor. Use water colors or thin other paint with a bit of water. Dip the end of your straw into the paint and gently blow to create lines to look like coral. Repeat with different colors. When the paint has dried, draw or paint small fish or sea creatures hiding in the coral.</p>
<p>Use the following link to read “Adrift and Alone,” a text about individuals who survived at sea.</p> <p>https://www.myon.com/reader/index.html?a=tts_aaa_f15</p> <p>Select 3 of the individuals from the text. Describe them using character traits supported by evidence from the text. How did these character traits help them to survive?</p>	<p>Imagine you are a scuba diver. You come across what looks like an underwater city. What have you discovered?</p>	<p><i>Materials: two glasses, water, salt, 2 eggs</i></p> <p>In this activity, you will be comparing the saltwater density to freshwater density. Fill each glass $\frac{2}{3}$ of the way with regular water. In one glass, add 3 tablespoons of salt and stir well to mix. Make a hypothesis- what do you think will happen to each of the eggs? Write down your hypothesis and then test it out by placing an egg in each glass. Record what happened to each egg. How did it compare to your hypothesis? What other objects can you test? What happens if you add more salt to the water?</p>	 <p><i>Materials: paper, pencil, ruler, protractor</i></p> <p>Use the following link to learn about parabolic curves (you can make curved images using just straight lines)/ Follow the instructions to create your own drawing</p> <p>https://www.whatdowedoallday.com/math-art-with-parabolic-curves</p>	<p>Use the following link to learn how to make ocean themed origami. In place of origami paper, you can cut squares of paper to use</p> <p>https://www.myon.com/reader/index.html?a=eor_ocean_s11</p> <p>Try to make at least two different pieces of origami</p>

Grade 6-7 Week 5- Camping

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following link to read about camping around the country and the different climates in the US https://newsela.com/read/lib-regional-climates-united-states/id/55869/?collection_id=339&search_id=d1858917-efed-4733-87ac-ffcf9272b749 Which of these areas would you want to camp in? Rate the regions based on your interest in each and explain why. **You will need to create a free account to access the text</p>	<p>Use the following link to read about some of the most famous hikers/ campers https://www.greenbelly.co/pages/most-famous-hikers-of-all-time What character traits do you think many of these individuals have? Use examples from the article to support your response.</p>	 <p>Materials: animal cracker or small toy, water, spray bottle/ squirt gun, hair dryer, household items</p> <p>In this challenge, you will be building a small tent that will need to withstand “rain” and “wind” to keep its campers dry. Begin by drawing a design for your tent and making a list of materials you will need.</p> <p>Things to think about</p> <ul style="list-style-type: none"> • How will the animal cracker stay dry? • How will I secure the tent? • The tent needs to be light enough that it could be transported like a real tent <p>Once you have planned and designed your tent, test its camping merit by spraying it with a spray bottle to see if the campers (animal cracker or small toy) inside stay dry . Next, use a hair dryer to simulate wind and see if your tent will stay secure. Did your tent pass the test? Describe the results. *Consider testing your tent outdoors where you can secure it into real ground</p>	<p>Materials: trees, tape measure, paper, pencil</p> <p>Take a walk or a hike to find older, larger trees. In this activity, you will be measuring the tree to estimate its age. The most accurate form of identifying a tree’s age is counting rings however this requires the tree to be cut down. To estimate the age of the tree:</p> <ol style="list-style-type: none"> 1. Use a tape measure to measure around the trunk of the tree for the circumference. Your point of measurement should be about 4-4 1/2 feet from the ground. 2. Write down the measurement then use the formula $d = \text{circumference} / 3.14$ to find the diameter. 3. Identify the type of tree you are measuring. You can use the following online tree identifier to help you https://www.arborday.org/trees/whattree/whatTree.cfm?ItemID=E6A 4. Once you have identified your tree, multiply your diameter by the tree’s growth factor (how fast it grows) Here are some common growth factors <ul style="list-style-type: none"> 2.0: Aspen, Cottonwood 3.0: Silver Maple, Pin Oak, Linden 3.5: River Birch 4.0: American Elm, Green Ash, Red Oak 4.5: Black Walnut, Red Maple 5.0: Sugar Maple, White Birch, White Oak, Black Cherry 7.0: Dogwood, Ironwood, Redbud 5. This product will give you the estimated age! 6. For an added challenge, try to find a tree that is the same age as you. 	 <p>Materials: cotton fabric (extra fabric, old t-shirt, etc.), acrylic paint, paintbrush, water, plastic trash bag, leaves/ flowers, sunny day</p> <p>Begin by spreading a trash bag out to create a workspace in the sun. Wet the fabric and wring it until it is wet but not dripping and lay on the bag. Thin the paint 1:1 with water and then paint the fabric. Find leaves, petals, or even household items and lay them on the fabric. Items that lay flat will work the best. Use items that have interesting shapes or will make a fun pattern. Press them lightly into the fabric so they lay as flat as possible then wait for the fabric to dry. When the fabric is dry, peel the leaves/ petals to reveal the patterns you’ve created. Dry on high for 45 minutes to set the paint and enjoy your creation.</p>
<p>Use the following link to read about issues facing the US National Parks https://newsela.com/read/national-parks-100-years/id/21071/?collection_id=339 Next, read the following article about park costs https://newsela.com/read/rethinking-national-park-fees/id/42231?collection_id=339</p>	<p>Would you rather go camping in a tent or use an RV? Why is this your choice? Give at least 3 specific examples to support your opinion.</p>	 <p>Materials: leftover pizza box (or cereal box), s’mores items (marshmallows, chocolate, graham crackers, tin foil, plastic wrap, scissors, glue, black construction paper</p> <p>Close your pizza box and outline a smaller “door” on the top of the box. Carefully cut the 3 sides so it can open but is not fully removed. Make your oven fancy and decorate the sides. Take black construction paper and glue it to the inside of the box to absorb</p>	 <p>Materials: construction paper (two colors), scissors, ruler, glue/ tape</p> <p>In this activity, you will be making life size grizzly bear paws and then comparing them to your hands. A grizzly bear’s paws can be 12 inches long and their claws can be four inches long. Begin by using your ruler to draw a line down the center of your construction paper. This will be the longest part of your paw. Cut the top to make it an oval shape. Next, draw small ovals at the top for toes. Cut the edges of the toes so the top is scalloped for each</p>	<p>Create your own trail mix using ratios. Check out the food items in your kitchen. What types of things will be a good snack on the trail? Make a list of ingredients then think of the categories you have (i.e. crunchy/ chewy, sweet/ salty). What ratio of each will make a delicious trail mix? Begin with 1:1 ratio of items. Use a small amount of your ingredients so you can sample and then adjust your ratio. For example, if you have 1:1 raisins to pretzels you might find it too chewy and</p>

<p>_search_id=cc4b7029-6528-4990-95f0-a9c3e0873da3</p> <p>How are these to articles related? Consider the publication dates of the article? What causes and effects do you notice in the articles?</p>		<p>sunlight then glue tinfoil to the top of the inside of the door to reflect the sunlight inside. Place your s'mores materials inside the box on top of the paper then cover with plastic wrap to trap in the warmth. Bring your box out into a sunny spot and angle the lid to shine light into your "oven." The chocolate will melt fairly quickly but the puffing of the marshmallows may take longer depending on the temperature and sun. Be patient and then enjoy your s'mores.</p>	<p>toe. On a separate piece of paper, measure 5 lines about 4 inches long. Cut these lines out as thin triangular claws and add them to your bear toes with glue or tape. Measure your bear paw from base to tip of claw and record the measurement. Now place your hand at the base of the paw and trace. Measure from the base of your hand to the tip of the largest finger. How do the sizes compare? Find the percent difference (what percent larger) is a bear paw compared to your hand?</p>	<p>will need to increase the ratio of pretzels to raisins. Once you have perfected your trail mix, record the ratio you used and then enjoy your trail mix with friends/ family on a walk or hike. Some food items for tail mix can be small crackers, pretzels, raisins, dried fruit, nuts, chocolate chips, popcorn, dry cereal, etc. Be creative and add unique ingredients</p>
<p>Use the following link to read "Backpacking Hacks" https://www.myon.com/reader/index.html?a=oag_backp_s20</p> <p>What do you think the top 5 camping tips would be for someone new to camping? Why would you pick these?</p>	<p>Stories are often told while sitting around a campfire. Create your own scary or suspenseful story. The story should be short enough to be retold to others but with elements of suspense to make for an exciting retelling.</p>	<p>Use the following link to check out "Campfire Chef" https://www.myon.com/reader/index.html?a=kc_c_cmchf_s17</p> <p>With parent permission, pick a recipe from the book and either try to cook it over a real fire OR test it out in your home kitchen. Make sure you have parent help with any stove/ flame as you are cooking.</p>	<p>Make a list of gear that you would need/ want to go on a camping trip for 2 days (at a minimum food, shelter, and water supplies). Use the following sites to pick items that you would bring and add prices to your list. https://www.target.com/c/camping-outdoors-sports/-/N-5xt6e How much would a camping trip cost if you had to buy all these items? Are there any items you can eliminate to save money? If you were to go camping with 2-3 other people (3-4 total), how would this impact your spending? Would there be items to share or would you need to buy more materials?</p>	<p>Use the following website to check out campsites near you https://www.hipcamp.com/</p> <p>Select one campsite and create an ad for someone to stay at this campsite. What makes it special? Why would someone want to stay here?</p>

Grade 6-7 Week 6- Summer Olympics

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Read the following text about the modern day Olympics https://www.myon.com/reader/index.html?a=olymp_wrdolym_f11 What is the motto and creed of the Olympic Games? Explain how these demonstrate the spirit of the Olympic games.</p>	<p>Research different sports that are played during the Summer Olympics. What sport would you want to play? What is the minimum age for this sport? If you were to compete, what would be the first Olympics you could qualify for (remember the Summer Olympics happen every 4 years).</p>	<p>Check out the following video of an Olympic shot put event. https://www.youtube.com/watch?v=zs97EQNJTFANNext, look around your house for items that you can use as a shot put (ball of foil, old apple, rolled up socks, etc.). Make a prediction about which item will go the furthest as a shot put then test out each item. Record the distance your items went and compare the results to your predictions. How did the weight of each item impact the distance?</p>	<div data-bbox="1330 186 1572 381" data-label="Image"> </div> <p><i>Materials: paper, coloring items</i> Begin by drawing Olympic rings on a sheet of paper. Repeat this 3 times (3 sets of Olympic rings). Use each set to solve a different math riddle</p> <ol style="list-style-type: none"> Place the numbers 1-5 on the lines so that no two consecutive numbers are overlapping Using the numbers 3, 8, 11, 7, 9 arrange them so the bottom two rings have the same total as the top three rings <p>Using the numbers 7, 15, 13, 21, 14 arrange them so the bottom two rings have the same total as the top three rings</p>	<div data-bbox="2072 186 2217 332" data-label="Image"> </div> <p><i>Materials: paper, scissors, coloring items</i> Use the following link to learn how to make origami bracelets OR origami Olympic rings. Though the site mentions origami paper, you can use regular paper cut into a square. To achieve the striped look on the bracelet, use white paper and color only one side before folding. https://allfortheboys.com/diy-olympic-origami-bracelets/</p>
<p>Use the following link to read "High Tech Olympics" https://www.myon.com/reader/index.html?a=olymp_hghteco_f11 What new methods and equipment are used to make athletes more successful? Provide examples using details from the text. Do you feel added technology is a fair way to compete? Why or why not?</p>	<p>Pick an Olympic athlete and write a short biography about them. Use the following link to help you select an athlete or use the search feature on the athletes page to learn more about different athletes. https://www.olympic.org/athletes You can also get ideas from this list https://sportsworld.nbcsports.com/the-top-100-olympic-athletes/</p>	<p>Throughout the course of Olympic history, two World Wars and the Cold War occurred. How did these events impact the Olympic games? Use the following links and create a timeline of the games from 1912 (pre war) to 1988.</p> <ul style="list-style-type: none"> https://www.halsbury.com/education/blog/how-did-war-affect-the-olympics https://www.history.com/this-day-in-history/u-s-hockey-team-makes-miracle-on-ice https://www.nationalcoldwararchive.org/schools-colleges/national-curriculum/social-economic-issues/olympic-boycotts.aspx 	<p>Use the following links to look at data about the 1896 Olympics (the first modern Olympics), Sydney 2000, and the Rio 2016 Olympics. Using the same website (click on Olympic Games at the top) find a fourth Olympics that you want to add to the data.</p> <ul style="list-style-type: none"> https://www.olympic.org/athens-1896 https://www.olympic.org/sydney-2000 https://www.olympic.org/rio-2016 <p>Using the information on the website, create 3 different charts or graphs to show how the games have changed by the numbers (i.e. medal counts, athletes competing, number of events, spectators, etc.). Make sure to properly title and label your graph/ chart.</p>	<p>Make your own backyard, park, or indoor Olympics. Gather friends or family to participate and have everyone select a different country to represent. Create different events with points (or medals) given for 1st, 2nd, and 3rd place. At the end of the competition, crown a winner of the entire games. Some events can include</p> <ul style="list-style-type: none"> 100 meter race Ring toss (use cut paper plates and plastic bottles) Hurdles (set up household items to jump over) Gymnastics "floor" routine Hang targets to throw a ball at Make a shot put competition for distance See how shots you can make in a minute playing basketball
<p>Use the following link to learn about the science behind Track and Field Events https://www.myon.com/reader/index.html?a=sso_sbtrf_s16 What are some examples of science at work on the track? Do you think you could apply any of these theories to improve your activities?</p>	<p>Watch the following video about "Greatest Olympic Moments" https://www.youtube.com/watch?v=AR5Jke4-1SU Which moment do you think represents the spirit of the Olympics? Explain your response.</p>	<p>Use the following link to see a list of host cities for past/future Olympics. Use a world map to mark/ locate each of these cities. What do you notice about where the host cities are located? Why do you think this is? What do host cities need to be accepted as sites for the Olympics? https://www.olympic.org/summer-games</p>	<p>Use geometry to create your own frisbee. Start with 2 sheets of plain paper and scissors. Follow the directions in the link below to make a frisbee then have a competition to see who in your family can throw it the furthest. http://almostunschoolers.blogspot.com/2012/05/paper-frisbee-geometry.html</p>	<div data-bbox="2072 1177 2217 1323" data-label="Image"> </div> <p><i>Materials: rocks, paints, flag pictures</i> Take a look at the countries that participated in the 2016 Olympics. Pick 5+ countries and paint their flags on rocks. Leave the rocks on your next walk for others to enjoy. You can also add the name of the country to each rock for reference.</p>

