

Grade 4-5 Week 1- Summer

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following link to read about the Summer Solstice and how it is celebrated throughout the world https://www.nationalgeographic.com/culture/topics/reference/summer-soltice-history-around-world/ Describe 3 ways that the Solstice is celebrated.</p>	<p>Make a comic strip featuring a summer activity or adventure. Include interesting dialogue and description to make your reader feel like they are experiencing summer.</p>	<p>Use the following link to listen to “Everything You Need for a Treehouse” https://www.youtube.com/watch?v=yGw7zelynHY Afterwards, design your own treehouse by drawing it out on paper and describing it OR using materials around your house to build a miniature treehouse for lego people, action figures, etc.</p>	<p>*Track the weather each day including temperature highs and lows, humidity, and type of weather. After you have recorded a week of weather, create charts/ graphs to show your findings.*This will need to be done at the beginning of the week to get enough data</p>	 <p>Make a mosaic sun by drawing an outline of the sun using dark markers/ crayons on white paper. In each ray, color a different pattern/ colors.</p>
<p>Use the following link to watch the story “Flotsam”- This book tells a story without words, it relies completely on illustrations. https://www.youtube.com/watch?v=3MTKWnxzqvM&t=170s As you are watching, describe what is happening in the story. You can write this as text for the story, captions for different pages or just an explanation. Pause the video to jot down your ideas as you think of them.</p>	<p>Write a persuasive 1-2 paragraphs ranking the seasons 1 (the best) to 4 (the worst) and explaining why summer deserves its given ranking. Make sure you include reasons to support this idea.</p>	<p><i>Materials: ice cubes, timer</i> Make predictions on how long it will take an ice cube to melt in different places with different temps (outside, fridge, in a room, etc.). Make a list of 4-5 locations then write down how long you think it will take to melt. Next, test your predictions with an ice cube and a timer. How close were your estimates? Did the outcomes surprise you? Why or why not?</p>	<p>Use a deck of cards to have a “subtraction war.” Flip three cards to create a 3 digit number for you and a partner. Player one flips two cards to make a two digit number. Subtract this number and continue play. Whoever gets to zero first is the winner.</p>	<p>Use sidewalk chalk to make a maze or obstacle course on. You can also create an obstacle course in your house or yard using different household items (pillows, cushions, baskets/ boxes, hula hoops, etc.). Set up the course and see how quickly friends/ family can get through it.</p>
<p>Use the following link to listen to “Goldfish on Vacation” https://www.youtube.com/watch?v=C6nI2XAkkL4 This is based on a true story. Check out pictures from the real fountain here http://michaelminn.net/newyork/parks/riverside-park/76th-st-hamilton-fountain/index.html How do you think the goldfish felt about being put into the fountain? Explain your thoughts.</p>	<p>Write a paragraph about an adventure you think your teacher or principal might have over the summer.</p>	 <p><i>Materials: small ball/ marble, bowl, water, building materials (cardboard, pipe cleaners, toothpicks, tinfoil, etc.)</i> <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>Create word problems for someone else in your house to solve. Try to use real life examples when writing the problems (i.e. Mom went to the store and needed 5 oranges. Each orange cost 89 cents. If she gave the clerk 4 dollars, would she get change back? Explain). Write 5 problems using different math skills for each.</p>	 <p><i>Materials: ice cube tray, food dye, corn starch, baking soda, water, vinegar, squirt bottle/ cup</i> Create erupting sidewalk ice chalk by mixing ¼ cup cornstarch, ¼ cup baking soda, ½ cup water. Stir well and then add your food dye. You can put this in separate bowls and add the dye or place it in the ice cube tray before adding. Careful mix in the dye and place in the freezer. Once they are frozen, find a sidewalk or driveway to paint on. Try to keep your creation in a small area. Once you have painted a bit and have semi melted chalk, pour on some vinegar and watch your drawing and chalk fizz and “erupt.” The smaller the colored area, the more fizzing there will be.</p>

Grade 4-5 Week 2- Ice Cream

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following link to listen to the read aloud “The Sundae Scoop” https://www.youtube.com/watch?v=AijT-TANJQM Afterwards, make your own list of sundae combinations with at least 3 flavors of ice cream.</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 at home using just five ingredients. 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. For items like fruits/ veggies, use the internet to find out nutrition information.</p>	 <p><i>Materials: paper, coloring items</i> Create a drawing of the most unique ice cream flavors you can think of. Draw outlines of the cone and scoops then fill in each scoop with a unique flavor. Make sure your picture reflects the flavor (i.e. blueberries in a blueberry scoop) then label your drawing.</p>
<p>Use the following link to read about the history of ice cream and then answer the comprehension questions at the bottom of the page https://mrnussbaum.com/history-of-ice-cream-reading-comprehension-1</p>	<p>Write an acrostic poem using “Ice Cream” or your favorite flavor (i.e. mint chocolate chip).</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 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. https://mrnussbaum.com/clara-fraction-s-ice-cream-shop-online-game Make sure to read the directions or watch the tutorial before playing so you know what to do.</p>	<p>Design a menu for your new ice cream shop including flavors, toppings, specialty dishes, and prices. Take orders from family members and figure out what their bill would be for the items purchased.</p>
<p>Use the following link to listen to “From Cow to Ice Cream” then make a list of the steps that happen to make ice cream. https://www.youtube.com/watch?v=lz_UZGSD0eY&t=9s</p>	<p>Write a story from the point of view of an ice cream truck driver about an adventure he/ she had in the ice cream truck.</p>	 <p>In this activity, you are trying to make as many different sphere shaped scoops that will stay inside the “ice cream cone” as possible. Begin by making a cone using brown construction paper. Then use paper, tape, glue, and scissors to create different scoop possibilities. Which shape is closest to an ice cream scoop? Which stays in the cone the best?</p>	<p>Use the following link to view a line graph showing ice cream flavor sales then answer the questions below it using information from the graph https://mrnussbaum.com/ice-cream-flavors-line-graph</p>	 <p><i>Materials: ice cream scoop or spoon, cotton balls, two bowls, timer, blindfold</i> In this game, you are trying to scoop as much “ice cream” in 30 seconds as you can but with your eyes closed or blindfolded. Place a pile of cotton balls in a bowl with an empty bowl next to it. Put on a blindfold or keep your eyes closed. See how many cotton balls you can get into the empty bowl in 30 seconds. Challenge a friend, sibling, or parent to see if they can get more.</p>

Grade 4-5 Week 3- At the Beach

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following link to read about the benefits of going to the beach. https://www.sheknows.com/parenting/articles/2060865/kids-at-the-beach-healthy/ What are some reasons you should take a trip to the beach?</p>	<p>Finish the following story starter: "I picked up the seashell, held it to my ear, and couldn't believe what I heard coming from inside!"</p>	<p><i>Materials: container of water or filled sink/ tub</i> 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>Use two buckets or containers to label one prime, the other composite. Next, take beanbags, balls, etc.(anything that can be thrown) and label them with different numbers. Have your child toss the item into the basket that corresponds with the number on it. For example, a 7 would be tossed into the "prime" bucket.</p>	 <p><i>Materials: sand paper, construction paper, scissors, glue, coloring items</i> Cut out a sandcastle using sandpaper then create a beach background using different coloring items. Try to cut out different items and glue them on the page to create texture in your picture.</p>
<p>Use the following link to read "Beach Volleyball is No Joke" https://www.myon.com/reader/index.html?a=si_bvoljo_f11 What does the main character learn during the story? How does the character change from the beginning to the end of the book?</p>	<p>Use sensory and descriptive language to talk about a day at the beach. As you describe, use words that take your reader there even if they haven't been to a beach.</p>	 <p><i>Materials: black construction paper, flat items, a sunny day</i> Take a piece of black or dark colored construction paper and lay out different flat household items. You can also try laying them in a design or pattern. Leave the paper out in the sun for at least 3 hours. When you remove the items from the paper, you will have sun prints where the objects were. What conclusions can you make about the power of the sun? Why did you need to use black/ dark colored construction paper? What does this mean for people being out in the sun?</p>	 <p>Play the math game "strike it Out" by drawing a number line with numbers 0-100. Player 1 crosses out 2 numbers and then circles the sum or difference of the numbers. Example: cross out 2 and 4 (2+4) and circle 6. Player 2 must then use the circled number (6) to start their turn. The goal is to continue crossing out numbers until a player cannot make any more equations. The last player to make an equation wins.</p>	 <p><i>Materials: plain t-shirt, sandpaper, crayons, iron (for adults to use only)</i> Begin by drawing a design on sandpaper with crayons. This design will be reversed to put on the shirt (any words will need to be backwards). Press firmly with the crayon to achieve a thick wax layer on the sandpaper. Place a piece of cardboard inside the tee under the spot for the design then place the sandpaper face down on the tee. Cover the sandpaper with parchment paper or a paper towel to protect your iron. Iron for 30 seconds + on the cotton setting, gently lifting the edge of the sandpaper to see if the design set. Carefully remove the sandpaper to check out your new design. Iron a few more times with just paper towels over the design to set it then toss in the dryer for 20 min.</p>
<p>Read the following story about a search for lost pirate treasure https://storyworks.scholastic.com/issues/2016-17/100116/The-Search-for-Pirate-Gold.html#On%20Level Do you agree with Barry Clifford's decision with what to do with the items the crew found in the search? Why or why not?</p>	<p>Pretend you write for a newspaper advice column. What advice would you give to someone who has never visited a beach before?</p>	 <p><i>Materials: avocado, construction paper, glue, popsicle sticks</i> Before eating your avocado, cut in half long ways. After it has been eaten, clean and dry the inside (save a few to have more than one boat). Create a boat by making a mast from the popsicle stick and gluing on a sail. If you make multiple boats, use different sizes and styles of sails. Test out your boats in a filled sink, tub or container. Have a race by blowing on the sails to see which will travel across the water the fastest.</p>	 <p><i>Materials: paper, ruler, markers, divider (folder, box, etc.)</i> Begin by making 2 number lines from 0-1 (increments for decimals .1, .2, .3, etc.) and have player 2 do the same. Both players begin with the two number lines in front of them and a divider between them so their number lines are hidden. This game is similar to battleship. Each player will place a decimal on their number line. The other player will try to guess what the decimal is. Use the second line to mark your guesses and use questions like is it smaller than... or is it larger than. The winner is the first to correctly guess the decimal.</p>	 <p><i>Materials: 3 popsicle sticks, coloring items, yarn</i> Use the following video to learn how to make yarn wrapped turtles. https://www.youtube.com/watch?v=W4gByvVn1ZM</p>

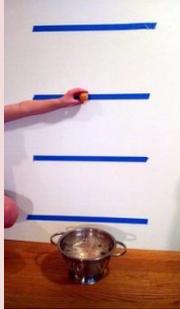
Grade 4-5 Week 4- Under the Sea

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Read the following article and watch the video at the bottom to learn about otters. https://superscience.scholastic.com/issues/2017-18/050118/were-still-here.html#860L What challenges do otters face? How are otters being helped?</p>	<p>Think of all the different sea creatures you know. Now, create your own sea creature. Draw a picture and label all of its different features. Consider if it is prey or predator, swimming or seashore creature, fins or legs, etc.</p>	 <p>Materials: legos Use any legos or blocks that you have at home to try and make different sea creatures. As you work, focus on the shape of the creature rather than the color since you may not have enough of the same color to make your creation. Begin by making flat creations then for an added challenge, try to make 3D figures or ocean scenes.</p>	<p>Materials: a deck of cards (ace=1, jack 11, queen 12, king 13) In this game, students will be looking to get the highest product in each round. To play shuffle and deal half the deck to each player. Each player will flip over two cards and then multiply the values of the cards together. Whoever has the highest product collects all four cards. Play continues until a player runs out of cards. The winner has the most cards at the end of the game.</p>	 <p>Materials: Construction paper, coloring items Make a diagram of the ocean zones using different colored construction paper. In each zone, add at least 2 creatures that typically live there and write a short sentence describing that ocean zone. Watch the following video to learn about what lives in the different zones (sunlight, twilight, midnight, abyss, trench are the common names but the video includes the scientific names) https://www.youtube.com/watch?v=2DzKgPYf6k8</p>
<p>Read the following text about ocean divers and different careers related to the ocean https://www.myon.com/reader/index.html?a=lfadv_oceandiv_f11 If you were to choose one of these jobs to do, which one would it be? Why would you choose this job</p>	<p>Write a diary entry from the day in the life of a seahorse. Use the following video to learn more about seahorses to help you with your writing. https://www.youtube.com/watch?v=XqP0xqb_nAMU&t=5s</p>	 <p>Materials: cardboard, construction paper, scissors, glue, coloring items, ribbon Use an old cardboard box or shoebox to create an under the sea diorama Make different sea creatures and plants to decorate the box. Look for household items or items from outside to make this "under the sea" box as realistic as possible. Use ribbon to place animals at different heights in the scene</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 What does the data tell us? Why is this significant? Read the following article to find out https://www.nationalgeographic.com/environment/oceans/critical-issues-sea-temperature-rise/</p>	 <p>Materials: construction paper, paint, water, straw 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 text to read about factors that impact the ocean https://www.myon.com/reader/index.html?a=ee_eoceas15 What factors are negatively impacting the ocean? What can be done to help?</p>	<p>Imagine you are a scuba diver. Describe what you see as you travel through the ocean.</p>	<p>Check out the slideshow in this article to learn about some of the world's most impressive water features. Pick one feature to learn more about and make a brochure for tourists to visit that site https://sn56.scholastic.com/pages/archives/articles/watery-wonders-of-the-world.html</p>	<p>Read the article about tracking whales in NYC then complete the activities for reading and creating line plots below the article. https://dynamath.scholastic.com/issues/2016-17/030117/whales-in-the-city.html#900L</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 the same size as origami paper to use https://www.myon.com/reader/index.html?a=eor_ocean_s11 Try to make at least two different pieces of origami.</p>

Grade 4-5 Week 5- Camping

Reading	Writing	STEM/Social Studies	Math	Art/ Activities
<p>Use the following link to read about a family's adventures in winter hiking and camping https://newsela.com/read/elementary-father-daughter-winter-camping/id/42202/?collection_id=339&search_id=d1858917-efed-4733-87ac-ffc9272b749 What are some skills that the girls are learning on these trips? How do these trips help them?</p>	<p>You're on a camping trip and trying to fall asleep in your tent when you hear a noise outside. Draw a comic with dialogue/ captions or write a story to tell what happens next.</p>	<p><i>Materials: a small stool or chair, a wall to lean on, friends or family to have one man, one woman, and one child as participants</i></p> <p>In this activity, you will be testing the center of gravity of a man, woman, and child. The activity does not test strength but shows how well an individual can balance or maintain their center of gravity. Use the following link to follow the steps of the experiment. Record your observations for each trial. What does this show about everyone's center of gravity? How are they different? https://www.brighthubeducation.com/elementary-school-activities/30142-center-of-gravity-activity/</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</p> <p>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?</p>	 <p><i>Materials: newspaper, tape (stapler optional)</i></p> <p>Begin by opening up a newspaper page. Roll the page tightly going diagonally across from one corner to the other. The tighter the roll, the stronger the tent will be. Secure the end with some tape. Continue making newspaper rolls then use a stapler (or more tape) to secure the rolls into triangles. These triangles are your building blocks to create your fort. Stack and arrange them then use a stapler (or tape) to secure.</p>
<p>Use the following link to read about treetop tents for sleeping in trees versus on the ground https://newsela.com/read/treetop-camping/id/33344/?collection_id=339&search_id=d1858917-efed-4733-87ac-ffc9272b749 What are the pros and cons of treetop camping? Would you prefer sleeping in the trees or on the ground? Why? **You will need to make a free account to access this site</p>	<p>Have you ever slept in a tent? If yes, describe what the experience was like, would you want to do it again? If you haven't, would you like to? Why or why not?</p>	 <p><i>Materials: leftover pizza box (or cereal box), smores items (marshmallows, chocolate, graham crackers, tin foil, plastic wrap, scissors, glue, black paper)</i></p> <p>Close your pizza box and outline a smaller "door" on the top of the box.</p> <p>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 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><i>Materials: egg carton, scissors, coloring items, counters (beans, beads, marbles,)</i></p> <p>To make your own mancala game, cut the lid of an egg carton and then cut each end (2-3 inches) off the lid. Nest the lid under the bottom to create the end bucket of the mancala game. Have each player decorate the game board. To begin play, place four counters in each section of the egg carton. The goal of the game is to "gather" as many pieces as possible in your end bucket. The goals and variations of mancala can be found here: https://www.parentingscience.com/mancala-games.html</p>	 <p><i>Materials: pinecone, paint, construction paper, scissors, glue</i></p> <p>Head outside and look for a pinecone to transform. Make sure you give it a good shake to dislodge any excess dirt/ bugs before bringing it in then begin adding yellow paint to the outer edges. While the paint is drying, cut a strip of green construction paper. Using the long strip, cut a grasslike pattern keeping the long strip intact. Use a straw or pencil to curl under the tips of the "grass" then roll up the strip to make your pineapple topper. Not a fan of pineapple? Find a pinecone and create your own fruit/ animal/ etc.</p>
<p>Use the following link to read "Camping for Kids." https://www.myon.com/reader/index.html?a=igo_camp_f12 What type of equipment do you need to go camping? Why is each item important?</p>	<p>Scary stories are often shared around campfires or in the dark with flashlights. Write your own short suspenseful or scary story that you could share with others.</p>	<p>WITH PARENT HELP test out two ways to cook s'mores inside (oven and microwave). After you have followed each recipe and sampled both types of s'mores, which one do you think is the best way to make s'mores indoors? How do you think this would compare to making s'mores over a fire? https://www.youtube.com/watch?v=9q3mgQoHmfw https://www.youtube.com/watch?v=IEPAuo0XiNQ</p>	<p><i>Materials: ruler or tape measure, a sunny day, paper/pencil</i></p> <p>Measure the length of your shadow at three different times of the day. Set an alarm to help you remember to measure. Record each length. How did the time of day impact the length of the shadow? Why do you think this is?</p>	 <p><i>Materials: chocolate, graham crackers, marshmallows, skewers,</i></p> <p>In this activity, challenge your child to make a structure that will hold 4 pieces of chocolate off the table. The catch is they can only use chocolate, skewers, marshmallows, and graham crackers as their building materials. For an added challenge, see whose structure can hold the most pieces.</p>

Grade 4-5 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 Draw the Olympic ring symbol. In each ring, write an interesting fact about the Olympics</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>Materials: paint stick or scrap wood/ firm cardboard, thin cardboard, scissors, bottle or jar, pebbles/ other filler material, balls In this activity, you will be creating a shot put catapult to see how far you can launch a ball. Begin by tracing a hand on thin cardboard (i.e. cereal box). Cut out the hand and make a small slit in the middle of the wrist area. Bring the sides together and tape to form a cupped hand to hold the ball. Attach the hand to a paint stick. Fill a jar or container with rocks/ other weighted materials to keep from rolling away. Rest the paint stick on the container and hit the end to launch the ball. Test out placing the stick at different points on the jar, using different balls, etc. to get the furthest distance. You can also check out this video for a real Olympic Shot put https://www.youtube.com/watch?v=zs97EQNJTFA</p>	<p>Create your own Olympics themed math board game. Use 2+ operations when creating the game. You can also make it for a younger sibling/ family member and then help them play it. Check out this site for board games created by other students to help get ideas https://blog.mindresearch.org/blog/game-a-thon-top-teams-2019</p>	 <p>Materials: paper, coloring items, scissors To make this Olympic wreath, draw and color different flags on construction paper then trace your handprint over each flag and cut out. Glue the handprints together overlapping each slightly to create a wreath. You can also string them together to create a banner.</p>																																																							
<p>Use the following text to learn about the first Olympics in Ancient Greece https://www.myon.com/reader/index.html?a=ag_olympicgreece_f14 How are the modern Olympics similar and different compared to the Ancient Olympics? Draw a venn diagram to show your ideas.</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>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 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>	<p>Watch the following video to learn about the history of the Olympics. https://www.youtube.com/watch?v=xBsRx4wN_v4 Afterwards, draw a picture of the Olympic rings. In each ring, write one way the games have changed over the years.</p>																																																							
<p>Use the following link to read about Olympic gymnast, Laurie Hernandez https://www.myon.com/reader/index.html?a=ip_lhrhd_f18 What did it take for her to become an Olympic medalist?</p>	<p>Do you prefer the Winter or Summer Olympics? Why? Write a persuasive paragraph with the goal of getting your audience to agree with your statement.</p>	 <p>Materials: colander, rubber bands/ elastic, tooth picks, tape, ball, cloth/other material for “bouncing” In this activity, you will be creating a trampoline that can bounce a ball the highest. Begin by marking different heights on a wall using painter’s tape. Measure each mark and record how high each one is. Create your trampoline using a colander. Push a rubber band through the holes in the colander, use a toothpick perpendicular to the colander to hold it in place then stretch the rubber band across and secure on the other side. Continue doing this until you’ve created a “web” to hold the trampoline material. Select a material for your trampoline and secure it using tape/ binder clips/ paper clips etc. Drop a ball onto the trampoline and see how high it will go. What can you change to make it go higher? Try launching other items next.</p>	<p>Gold Graph <small>Using the information in this chart, make a bar graph on the following page that shows how many Summer Olympic gold medals these countries have received since the Summer Olympics started. Which country has historically won the most gold medals?</small></p> <table border="1" data-bbox="1688 1138 1911 1295"> <thead> <tr> <th>Country</th> <th>Gold</th> <th>Silver</th> <th>Brass</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>United States of America</td> <td>977</td> <td>708</td> <td>468</td> <td>2403</td> </tr> <tr> <td>USSR/Russia</td> <td>395</td> <td>319</td> <td>296</td> <td>1010</td> </tr> <tr> <td>Great Britain</td> <td>237</td> <td>272</td> <td>271</td> <td>780</td> </tr> <tr> <td>France</td> <td>201</td> <td>223</td> <td>245</td> <td>669</td> </tr> <tr> <td>China</td> <td>201</td> <td>144</td> <td>128</td> <td>473</td> </tr> <tr> <td>Italy</td> <td>198</td> <td>166</td> <td>185</td> <td>549</td> </tr> <tr> <td>Germany</td> <td>175</td> <td>182</td> <td>217</td> <td>574</td> </tr> <tr> <td>Hungary</td> <td>167</td> <td>145</td> <td>144</td> <td>456</td> </tr> <tr> <td>Germany</td> <td>153</td> <td>129</td> <td>137</td> <td>409</td> </tr> <tr> <td>Sweden</td> <td>142</td> <td>163</td> <td>177</td> <td>482</td> </tr> </tbody> </table>  <p>Use the following chart to create a graph showing the medal counts for all past Olympics for the leading countries. Make sure you label your graph accurately and use equal increments on each axis. Select the image and expand/ open in a different document to see the numbers.</p>	Country	Gold	Silver	Brass	Total	United States of America	977	708	468	2403	USSR/Russia	395	319	296	1010	Great Britain	237	272	271	780	France	201	223	245	669	China	201	144	128	473	Italy	198	166	185	549	Germany	175	182	217	574	Hungary	167	145	144	456	Germany	153	129	137	409	Sweden	142	163	177	482	 <p>Materials: paper, scissors, coloring items 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>
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