








Learning Fun in the Summer Sun August Grades 4 & 5





Calvert County Public Schools Suggested Summer Learning Activities for Families

HAPPY SUMMER, CCPS FAMILIES!

Summertime is the perfect time to explore the world around us. After all, school is not the only place where we can learn. Look around, learning opportunities are everywhere! To spark a few ideas, we've included activities across a wide range of subjects. Perhaps you'll enjoy a book under a shade tree, notice the stars in the evening sky, look up the strange bug in your garden, look for math patterns in a favorite song, or organize a fun water obstacle course. Feel free to pick and choose a few activities each week that seem interesting and fun! Consider keeping a journal or notebook to keep track of your activities. *Look for a new Learning Fun grid each month on the CCPS website. Visit calvertnet.k12.md.us/SummerLearning*

<p><u>Vision Board</u></p> <p>Make a vision board for your goals using pictures, images, quotes, or song lyrics that inspire you to be your best self.</p>	<p>Beatbox</p> <p>Make up your own beatbox pattern.</p>	 <p>How does the starting height of a bouncy ball impact how high it will bounce?</p>	<p>Summer Summary</p> <p>Watch a favorite TV show and write a note to retell parts of the show: beginning, middle, and end.</p>	<p>Shelve It</p> <p>Organize your home library by the author's last name or genre.</p>
<p>Start a journal: It may be created out of printer paper and a stapler, an old notebook in the back of the closet, or on your computer. Decorate it to make it unique to you for your upcoming year.</p>	<p><u>Yoga</u></p> <p>Do 10 yoga poses and hold each pose for 10 seconds</p>	<p>Create an animal or insect</p> <p>Go for a walk and collect items from nature. Arrange your items to create an animal/insect. You can glue them to a piece of paper or arrange them outside.</p>	<p><u>Environmental Health</u></p> <p>Write about your favorite way to spend time outdoors. Describe your "perfect" day outside.</p>	 <p>Make a marshmallow catapult. Set up cups and work on your aim!</p>

<p>Pizza dough has 7 ingredients: 2 cups flour, 1 package of yeast, 1 1/2 tsp sugar, 3/4 tsp salt, 1/8 tsp garlic, 2 tbsp oil, 3/4 cup water. One batch makes one 12-slice pizza. You're very hungry and want 4 pizzas. How much of each ingredient do you need? If you have 1 cup of flour, how does the recipe change? What do you need to make 3 slices for each person in your house? Extension: At home, with adult help, try the recipe.</p>	 <p>Museum Day! Visit the Smithsonian National Museum of Natural History Virtual Exhibits. Have your parents help you pick an exhibit of interest.</p>	<p>Play Sticks-n-Stones You need 12 small sticks and 12 stones. Make a 5x6 chalk grid. Take turns placing a stick or stone in one of the boxes. The object is to get 3 in a row (not diagonal). Once each player places all 12 objects, players take turns moving one space (not diagonal) attempting to get 3 in a row.</p>	 <p>History Hike: Take a hike on one of Jefferson Patterson Park's trails and learn a little history along the way. Scan the QR code to find out about the trails.</p>	<p>Identify a downhill space outside where rainwater runoff flows, such as near a storm drain or a slope in your yard. Describe the plants that are already there and identify any evidence you have on how effective they are at helping the water be absorbed into the ground. Create a design that could make the area a better rain garden and point out the purpose of your additions.</p>
<p>Generation Music Ask an adult (parent, family member, friend) what kind of music they listened to when they were your age. Listen to a few songs.</p>	<p>Draw Your Food Find any food in your home-fruit, cereal boxes, bags of chips, etc and try to draw exactly what you see! Do you think your drawing looks realistic like a photograph or more cartoony like an illustration?</p>	<p><u>Managing Emotions</u> Put on some music and write about something that made you angry or frustrated recently.</p>	<p>Draw a picture of what the moon looks like. Draw a picture showing the possible positions of the sun, earth, and moon relative to each other that would match your view of the moon. Now, imagine that you traveled to Antarctica, how might any of these pictures change? Use a picture if that helps your explanation.</p>	<p>Scrapbook Story Make a scrapbook using old magazines, pictures, or drawings and write captions to create a story.</p>
<p>Choose a favorite song or artist that has had a positive influence on you. Pretend your friend has never heard this song/artist. Brainstorm and organize 4-5 reasons why this artist is unique and important to you.</p>	<p>Practice Multiplying playing hopscotch (scan the QR code with a smartphone camera to see the rules). Draw a hopscotch grid with multiplication multiples (for example: 8, 16, 24, 32...).</p> 	<p>Same but Different Music Try to find different versions of the same song. It can be performed by different groups or different types of instruments. Compare and contrast the performances. Which do you prefer? Why?</p>	<p><u>Mile Run</u> How fast can you complete a mile?</p>	<p>Draw a Treasure Map Include the start, path and obstacles along the way to X Marks the Spot where the treasure can be found.</p>

<p>Family Folklore: Ask an older family member to share a family story or tradition.</p>	<p><u>Wall Sit Challenge</u> How long can you hold a wall sit?</p>	<p>Be a Chef! Find a recipe from a different country and cook it with your family.</p>	<p>On a sunny day, draw a small chalk circle on the driveway or sidewalk. Stand in the circle and trace your shadow. Every 2 hours repeat the process. What do you notice? Will your shadows create a full circle?</p>	<p>Make S'mores in a solar oven that you make yourself!</p> 
<p>Explore cartography! Draw three maps: your community, street, and home. Color the maps ensuring no adjacent or opposite places are the same color. How many colors did you use? Could you use fewer? Why? Map one room in your home. Use a book to measure wall lengths and heights. Calculate perimeter, area, and volume.</p>	<p>Connect the wires to light the light on this online game.</p> 	 <p>STEM Challenge: Can you fit through an index card? What would you do to fit through an index card? You can't use tape and the index card can be cut but must stay in one piece. If you are stuck, check the QR code.</p>	<p>Decode the Riddle Uncover the riddle in this puzzle by placing the correct letters into each square. The list of available letters is given at the bottom of each column. Go to the link: https://bit.ly/2LPePUk</p>	<p>Write down 4-5 sentences about responsibility, thinking about how it changes based on context, such as community or relationship. Next, write down at least 8 words that relate to responsibility and use those words to form a word search or a crossword puzzle. See if your family/friends can solve the puzzle.</p>
<p><u>Dance Break</u> Put on your favorite song and dance to the music.</p>	<p>Musical Styles Listen to three different styles of music. What do you like about each style? What is similar and different for each style of music?</p>	<p>Design Your Dream Home Select a perspective when drawing your house. Are you looking down at the house and can see the layout of the rooms? Or maybe you are standing on the street looking at the outside of the house? Or maybe it is like a doll house where you can see the rooms from the side?</p>	<p>Explore Flow Rate</p>  <p>Check out this activity from the Maryland Department of Natural Resources to have fun learning how to calculate the flow rate of a stream.</p>	<p><u>Mealtime</u> Sit down and have a meal with your family media and device free!</p>