















# Learning Fun in the Summer Sun

Calvert County Public Schools Suggested Summer Learning Activities for Families

**AUGUST – Grades 4 & 5**

**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 40 activities across a wide range of subjects. Perhaps you'll enjoy a book under a shade tree, look up the strange bug in your garden, look for math patterns in a favorite song, or organize a fun water obstacle course. Choose a few activities each week that seem interesting and fun! Perhaps keep a journal or notebook to keep track of your activities. Visit [calvertnet.k12.md.us/SummerLearning](http://calvertnet.k12.md.us/SummerLearning) each month for a new menu of activities.

Head over to <a href="http://calvertlibrary.info">calvertlibrary.info</a> and log in your books you read this summer for their summer reading challenge!	<b>Time on a Line:</b> Make a timeline showing the important events in your life.	Spend 15 minutes reading something that you are interested in!	<b>Food House</b> Draw a house made completely out of food.	Read your book you checked out from Capstone or Sora.
 <b>BALL SKILLS</b> <b>Red Light Green Light</b> With a ball, play red light green light with friends to practice hand, foot, or stick skills to improve coordination.	 Find out where the best places are to hunt for shark's teeth in Southern Maryland (most are in Calvert County).	Where would you go? Do research about a place in Maryland, the US, the world, or outer space. Write a short story about pretending to be there.	 <b>DANCE OFF!</b> Choose between two different dances and get your groove on for 30 seconds. Keep moving through the last round!	<b>Design Your Dream Bedroom</b> Draw your room and what would be included both as a birds-eye view and with images of the things in the room. What colors would it be? Is there a theme?
 <b>Water Fun:</b> Try some activities with water just for fun!	<b>Be a Chef!</b> Find a recipe from a different country and cook it with your family.	Check out your school library web page and head over to Sora and check out a new book.	<b>Family Folklore:</b> Ask an older family member to share a family story or tradition.	Use capstone interactive or SORA to check out a book! (Head to your library web page, and click on Sora or Capstone)
<b>Make a Plan - 3X3:</b> Successful people plan ahead. Image where you want to be in 10 years. Create 3 goals for your life to be achieved within 10 years. For each goal, write 3 steps you will take to achieve your goal. Remember, a goal without a plan is just a wish!	<b>DECIMAL HUNT</b> We know decimals are used to separate the dollars from the change in money, but where else can you find decimals in the real world? Find three real-world uses of decimals that are not money related?	 <b>Earth and Sun Interactions</b> What would happen if the earth weighed more than it does or if the sun was lighter than it was? What would happen to our orbit?	Roll 2 dice. Make a 2-digit number. Roll the dice again to make another 2-digit number. Multiply the numbers together. Use a calculator to see if calculated the correct product. Try to get 3 in a row correct.	<b>Introduce Yourself:</b> Write a letter to your new teacher for the upcoming school year. Tell them what makes you special and what your goals are for the new school year.

<b>MAKE MUSIC WITH BOTTLES</b> Find several plastic or glass bottles. Fill each with various levels of water. Blow air across the bottles. Which ones made high sounds? Which ones made low sounds? Why do you think the pitch changes when the level of water changes? Write a journal entry about it.	<p><i>Write or type a letter to a relative you haven't seen in a while. Share with them what you are hoping for in the next year.</i></p>	<b>SIZE IT UP!</b> How much is a liter? Find 3 things that hold exactly 1 liter. How much is a pound? Find 3 things that weigh exactly 1 pound. How long is a meter? Find 3 things that are exactly 1 meter in length.	<b><u>Tiny Art Show</u></b> Use 4 note cards or cut a piece of paper in 4 sections. Draw a different item on each card. 1-Your favorite place 2-Your favorite food 3-You or your favorite person 4-Your favorite animal Display your Tiny Art Show in your house!	<b>Summer Thunder</b> Light and sound travel at different rates. When you see lightning, begin counting. If you get to 5, the lightning is 1 mile away. If you get to 10, the lightning is 2 miles away. How far is the lightning if you count to 7?
 <b>THOUGHT BUBBLES</b> Blow your thoughts away to practice mindfulness and bring awareness to your thoughts to calm your mind.	 <b>Go on a Bear Hunt!</b> A yoga adventure inspired by the book. Twist, bend, and stretch your way through the	 <b>Debate It!</b> Use the QR Code to visit <a href="#"><u>Debate: Time for Kids</u></a> . Pick a topic. Pick a side. Convince a friend or family member that your position is correct.	 <b>MAKE A KAZOO</b> You will need a marker, toilet paper roll, scissors elastic band, wax paper, a bowl for tracing and paints to decorate. Use your kazoo to play along to your favorite songs.	Make a gratitude jar to remind yourself of all the things for which you are thankful. Place a jar in a central location in your house. Write "I am thankful for _____" on ten small pieces of paper and place them next to the jar with a pencil. Encourage your family to participate.
Do something with you family that doesn't need electricity. Go for a walk, roast marshmallows, play a card game, etc.	<b>So Crazy, It Just Might Work!</b> Design a new product that will improve people's lives. How will you convince people to buy your new product? Think BIG!	 <b>Light it up!</b> Can you build a circuit and turn on the light?	<b>The Perfect Day</b> If you could plan a perfect day, who and what would it include? Create your plan and share it. What can you be responsible for so the day can happen?	 <b>YOGA FREEZE DANCE</b> Dance along to the music. When it stops, look at the screen and hold the yoga pose for 10 seconds!
Interview your family and friends and ask each one who they think is the most important person in history. Draw a chart with four columns, and record (1) the name of the person you asked (2) the person in history they named (3) what the person did that was important, (4) why it was important?	 <b>MATH LEARNING GAMES –</b> Is your child already using the computer to play games this summer. Why not play some math games on our i-Ready Learning Games site? Available thru 8/8	<b>Create a book review for your favorite book.</b> What is a book that you love? Why would you encourage someone else to read it? Share your review if someone you care about.	<b>Blubber Glove</b> Amaze your family by showing them how artic animals (like narwhals) stay warm in VERY cold water. 	<b><u>Maze Designer</u></b> Create a maze on a piece of paper. Give it to someone at home to solve.