



FUTURE THIRD GRADER ACTIVITIES

The goal of this calendar is to help students review content and skills over the summer through fun, grade-level appropriate tasks and activities that can be completed as a family. In an effort to increase literacy skills with this calendar, we suggest that each student keep a journal and write or draw daily about the activities they complete. Encourage your child to write new and interesting words they learn in their journal. Reading is one of the most beneficial things kids can do over the summer. We suggest that you read to your child or have your child independently read for 20 minutes everyday. **Standards identifiers are shown in parentheses. Complete standards can be found at www.georgiastandards.org.

Math Monday	Outdoor Tuesday	Science Wednesday	Thinking Thursday	Family Fun Friday
	<p>1 <u>Collect leaves</u> Make a leaf crayon rubbing of the leaves collected. What do you notice? What patterns do you see? What do you wonder? (science crosscutting concept: Patterns)</p>	<p>2 <u>Reusing</u> Use items you would throw away or recycle to make a 3 dimensional sculpture. Name your sculpture, take a picture and share with someone. (VA2.CR.4)</p> 	<p>4 <u>Today is National Egg Day</u> Using a variety of materials or supplies on hand, design, build, and test a contraption that will protect an egg from breaking when dropped from a specific height. You will need 1 raw egg, a ziploc bag to put the egg in BEFORE you drop it, and materials you have on hand to build your contraption. Keep a record of science observations. How did you make it? What were your results? How high did you drop it from? etc...(ELAGSE2W7)</p>	<p>5 <u>Think Like A Leader</u> Design your own game. Make sure you write down all of the rules. Play it with family members..How would you play the game if there were no rules? How would you know who won? (SSIPS #3; SS2CG1)</p>

Week 1 Garden Extension Kitchen Scrap Gardening <https://kidsgardening.org/garden-activities-kitchen-scrap-gardening/> You can grow many plants from kitchen scraps such as celery, potatoes, ginger, onions, and fennel. Research to find some other plants you can grow from the parts of the plant you might normally discard in your kitchen scraps. Design a garden showing at least 10 of your favorite fruits and vegetables. Can you grow any of them where you live now?

<p>7 <u>Play basketball.</u> Throw the basketball at the net 20 times. If you do not have a basketball, ball up a piece of paper and try to ring a trash can. How many baskets did you make out of 20? Is that an odd or even number? Draw a picture to prove. (SMP 2, 4, and 6)</p> 	<p>8 <u>Go outside and play!</u> Write a story about your time outside.. (ELAGSE2W3)</p> 	<p>9 <u>Water Balloon Toss</u> How far apart can you stand from your partner and toss the balloon before it pops? Begin at two feet apart, step back two feet each time. Measure with a ruler or measuring tape. (SMP 5, S2P2)</p>	<p>10 <u>Follow a recipe</u> Bake or cook a family dessert. Write your opinion about how it turned out. (ELAGSE2W1)</p> 	<p>11 <u>Think Like An Economist & A Historian</u> Collect all the coins you can find in your house. Organize the coins in a timeline. What do you notice about the coins? What do you wonder about them? In what year was the oldest coin made? Was anyone in your family alive in that year? Was Jackie Robinson alive? Jimmy Carter? Juliette Gordon Low? What memorable/historical event happened in the year the oldest and newest coins were made? (SSIPS#2, 10; SS2H1)</p>
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Week 2 Flag Day Extension GPB, PBS Learning, [Flag Day: All About the Holidays](http://www.pbs.org/learningmedia/flag-day). The American Flag has 50 stars to represent the 50 states and 13 stripes to represent the 13 original colonies. Research to find out the importance of the colors of red, white, and blue. Our flag is easy to recognize because of the patterning of the stars and stripes that we have seen many times. Think of some words that represent you and your family. Can you design a flag to represent your family? Tell the importance of the colors and the shapes. What patterns could you use with these colors and shapes?

14 Measure it Monday.

Estimate in inches the length of your bed. Use a ruler or a tape measure to check your estimate. Measure a siblings bed or your parents bed. Which bed is longer? How much longer?

(SMP 2, 5)



15 Bird Feeder

Design and build a bird feeder. In your journal, draw a picture and answer the questions below.

How many birds do you think it will attract? What kind of birds might your feeder attract?

To identify the different birds use these resources. [Merlin Bird ID app](#) or [Allaboutbirds.org](#).

(Cross Cutting Concept: structure and function)



16 Virtual Visit

Go to the [San Diego Zoo](#) virtually Make observations in your journal about various animals' life cycles or habitats.

(S2L1, S2E3)



17 Catapult Design Challenge

How far can you launch something with a homemade popsicle stick catapult. Which items fly the farthest? Plan, design, and build a working catapult.

[Use this easy popsicle stick catapult design](#) or let get creative with LEGO, pencils, spoons and cardboard tubes!

(S2P2)

18 Think Like A Geographer

Take a walk in your neighborhood. Find your street sign. What other street names did you see? Use a printed map of your city or Fayette County. Using the letter/number grid system on the outside of the map, identify the location of your home, the other streets you noticed, your school, the store where you shop, and any other place you love.

(SSMGS #3)

Week 3 Summer Solstice Extension The Summer and Winter Solstices, Scholastic, <https://www.scholastic.com/teachers/articles/teaching-content/summer-and-winter-solstices/> [Make a SunDial](#) and check its accuracy with an analog or digital clock several times during the day.

21 Baseball by the Numbers

Did you know baseball players did not always have numbers on their jerseys? It was not until 1932 that the National Baseball League allowed numbers on baseball jerseys.

Read this [article](#) that has more information.

Check out this read aloud of [Play Ball!](#)

Click on this [link](#) for a printable baseball addition and subtraction game or play this online [baseball math game](#).

(SMP 3, 4, 6)



22 Have Seeds. Will Travel!

Most plants reproduce using systems that include flowers and seeds. Gather a collection of seeds from a wooded area. How do you think this seed travels? Is it sticky? Does it float through the air? Explain that plants have developed many different methods of seed dispersal, to ensure the success of their species. Examine the seed collection and invent a system for sorting or classifying them.

(SMP 7,8)

23 Tower of 100!

How high can you go! Using 100 marshmallows or other available materials, build the tallest tower possible!

Tips: Have kids count out 100 items by groups of ten. Draw out a plan to get started. Take a picture or draw an illustration of your finished product.

(SMP 1,5,6)

24 Make up your own story.

Tell or record your original story to share with others.

(ELAGSE2SL4)



25 Think Like A Historian

In honor of National Sunglasses Day Sunday, look up photos of Georgians in sunglasses. They can be family pictures, pictures in a magazine, or historic pictures. Where in Georgia do you think the photos were taken? What region is that in? Choose one that you like. Evaluate it like a historian. What people or things do you see in the pictures? What is happening in the images? What do you think will happen next? What new questions do you have?

(SSIIPS #6, 10; SS2G1)



Week 4: Dragon Boat Extension What is buoyancy? <https://mocomi.com/buoyancy/> Find different items around the house that can get wet and you believe will float. Were you correct? What do all the items that floated have in common?

28 Shadow Day

[Shadow Poem](#)

Stand outside in the sun to make a shadow. Have someone mark where your shadow starts and stops. Use a measuring tape to measure both your shadow and yourself. Were they the same length? (MGSE.2.MD.1)



29 Go on a walk outside.

Look for insects, birds and mammals. How many did you see of each?

Create a tally chart to show what you saw. Then represent the data in a graph. (SMP 1,2,6)



30 Longest Paper Chain

Make the longest paper chain you can using a single piece of 8.5" x 11" paper and tape or staples. Measure your chain to the nearest foot and inch.

(SMP 1, 5, 6)





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<u>Math Monday</u>	<u>Outdoor Tuesday</u>	<u>Science Wednesday</u>	<u>Thinking Thursday</u>	<u>Family Fun Friday</u>
			<p>1 <u>National US Postage Stamp Day</u> Today is National U.S. Postage Stamp Day. Think of a topic you learned about in science this year. Design a stamp highlighting your favorite science fact. (VA2MC.1)</p> <div style="text-align: center; margin-top: 10px;">  </div>	<p>2 <u>Think Like A Historian</u> Create at least four questions you can ask others about their memories of Independence Day or another holiday. Ask one or more family members the questions you have created.. Record your answers in your journal.. Be sure to include the name of the person you asked and the date of your interview. Ask someone else the same questions. What was the same about their answers? What was different? (SSIPS #1, 4; SSMGS #1, 2)</p>
<p>Week 5 Independence Day Extension Independence Day: Get the Scoop on why we celebrate the Fourth of July!, National Geographic Kids, https://kids.nationalgeographic.com/history/article/independence-day, Select a craft activity to complete as a fun way to celebrate the Fourth of July, research to find a fun, creative 4th of July patriotic dessert to make and share.</p>				
<p>5 <u>Prepare a Meal</u> Help an adult prepare a meal. Can you measure the ingredients in the recipe? Can you double them? Can you half them? How many of the ingredients were measured in halves, thirds, fourths? (SMP 2, 5, 6)</p>	<p>6 <u>Adopt a Tree Task.</u> Pick a tree in your yard or nearby and observe it. Keep tree journal where you can draw pictures of your tree and write about what you observe. (Planning and Carrying Out Investigations)</p> <div style="text-align: center; margin-top: 10px;">  </div>	<p>7 <u>Keeping it Cold</u> Design a device to keep a popsicle or ice cube from melting. Write about your experiment and provide a reaction to what happened. What would you do differently next time? (Cross Cutting Concept; cause and effect, energy and matter, S2P1)</p> <div style="text-align: center; margin-top: 10px;">  </div>	<p>8 <u>Virtual Visit</u> Visit one of these aquarium webcams: Georgia Aquarium Webcams and Monterey Bay Aquarium Webcams Use shapes to create an animal that lives in the ocean. What shapes did you use? What are the attributes of those shapes? (SMP 4.8)</p> <div style="text-align: center; margin-top: 10px;">  </div>	<p>9 <u>Secret Code</u> Have you ever used a secret word? The Cherokee Indians helped win World War I with secret codes. Can you create your own secret code? You could use letters, numbers, shapes or something else. When you use your code, what patterns do you notice? See if a friend or family member can crack it. Who else might use your code? (SSIPS # 6, 10, 11)</p>
<p>Week 6 Extension What would be the perfect video game? You get to create it! Think about the purpose of your video game. How will someone “win” your video game? Will there be different levels? Sketch your ideas on paper and share them with a friend or family member. Try to draw all the different levels to your video game. Can you convince your parents why you should or should not be allowed to play video games? Research and determine strong reasons to support your opinion. See how convincing you can be to your parents.</p>				

12 Skip Counting Hopscotch

Follow the top link for directions. Draw two different hopscotch games. Fill in the numbers. Have your child choose the correct skip counting numbers. (MGSE2.NBT.2)



13 Cow Appreciation Day

Today is cow appreciation day. Brainstorm and write facts about cows. Is a cow a producer or consumer? Create your own "Look Like a Cow" costume. FYI: Today is Cow Appreciation Day at Chick-Fil-A (Cross Cutting Concepts; patterns)



14 Unsinkable Boat

Build a boat that floats and can't be sunk! Using recycled items and supplies from around the house, build a vessel that will float in a tub of water. Take it a step further and see what or how much of something your boat can hold. (Cross Cutting Concept: structure and function, scale, proportion and quantity)



15 Make a Puzzle

Make a jigsaw puzzle by creating your own picture or using one from a magazine.

OR

Create a paint by number using addition facts. The key displays the answer colors. (SMP 1.6)



16 Think Like An Economist

The adults in your home are tired and have asked you to plan dinner. You can spend \$6 on each person in your family. What will you prepare? What is the opportunity cost (your second best option) of that choice? How much will the meal you have planned cost? Will you be able to save any money? Use a grocery ad for pricing. (SS2E1, SS2E4; SSIPS #3, 11)

Week 7 Extension "Go Back in Time" Find an old photo. Re-create the scene, take a picture, then use a black-and-white filter to make it look like it was from the past. Get started: Open your photo, tap Edit, then tap the three circles at the bottom to use filters. Try to caption your photos. You could go further and create your own back in time photo gallery with a fun theme. Are these primary or secondary sources? Learn more about the difference between a primary and secondary source and share your findings with someone at your home.

19 Scavenger Hunt

Find examples in magazines or newspapers of the numbers bulleted below. Cut them out and glue them down in your journal. Draw a picture to match the number.



- Make a two-digit number with a zero in the ones place
- Make a three digit number with a one in the hundreds place.
- Make a four digit number with a two in the tens place.
- Make a three digit number with a five in the ones place. (SMP 1,6)

20 Sidewalk Chalk Pattern

Make a "stained glass" pattern using tape and sidewalk chalk. Try and include these shapes in your design: triangle, rectangle, square, and rhombus. Take a picture and share your design with someone. (SMP 4, 6)



21 Liquid Density Tower Experiment

Gather these supplies: Syrup, Water, Cooking Oil, Rubbing Alcohol, Dish Soap, and a Tall Jar or glass. Slowly pour the liquids into the container. What did you notice? What do you wonder? (Cross Cutting Concept: Energy and Matter, Structure and Function, S2P1)

22 Dance!

Make up a dance routine to your favorite song. (ESD2.PR.1)



23 Amelia Earhart Day

In honor of National Sunglasses Day Saturday, research [Amelia Earhart](#) at the link and in books. Look at a map or globe. Identify the continents that she visited. If you could meet Amelia, what questions would you ask her? What character trait best describes Amelia? Which one best describes you?

Bonus: Use items around your house to create airplanes. (SS2CG3; SSMGS #2, SSIPS #1, ELAGSE2W8)

Week 8 Extension Launch a rocket of your own by following these directions.

<https://buggyandbuddy.com/straw-rockets-with-free-rocket-template/> How can you change the design to improve the aerodynamics? Smaller fins? More pointed "nose"? How does changing the angle of the straw change the distance of the rocket? Beside a straw, what else could you use for the power source? Only make one change at a time and see what a difference you can make!

26 Game Time

Play a card game with a family member or for a great game, click here: [Make a Ten](#). Please click on this [link](#) for other card games. (SMP 1,6)



27 Collecting Rocks

Go outside and look at rocks. Collect 10 of them. How can you sort them? (size, texture, color, length, mass, strength) Draw your rocks in your journal. (S2P1a, Cross Cutting Concept: patterns)

28 Playdough

Follow this recipe and steps to make [playdough](#). Use your playdough to make a compound word. (Cross Cutting Concept: cause and effect)

29 Obstacle Course

Design and make an obstacle course at home or in the yard. How fast can you complete it? Time yourself. Try it again. Was your time faster or slower than the first time? (SMP 5,6, GPSFPE2.1)



30 Think Like A Historian

Visit two memorials or monuments in Fayette County. Who or what is being honored? If you were going to create a monument or memorial for someone in your life, who would it be? Why? What character traits do they exhibit? Ask the people in your family what they think about the last three questions. (SS2CG3; SSIPS#1)

Other Suggested Resources:

- ★ MyOn - Digital Library over 10,000 titles. <https://www.myon.com/index.html>
Enter the following information: **School Name:** Get Georgia Reading, Georgia Campaign for Grade Level Reading (Note: DO NOT cut and paste. Start typing "Get Georgia...") **Username:** fayettecounty **Password:** read
- ★ Local Libraries - [Fayette](#), [Peachtree City](#), and [Tyrone](#)
- ★ Georgia Public Broadcasting and PBS Kids - hosts online events and learning activities
<https://www.gpb.org/education/summer-resources>