







# FUTURE FIRST 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](http://www.georgiastandards.org).

Math Monday	Outdoor Tuesday	Science Wednesday	Thinking Thursday	Family Fun Friday
	<b>1 Collect Leaves</b> Collect leaves of various shapes, sizes, and colors from the ground. Conduct a comparison investigation by asking: What differences and similarities can you see? What do the leaves feel like? Do they have hairs? Or teeth? (SKL2)	<b>2 Reusing</b> Use items you would throw away or recycle to make something. Describe your creation to a family member. (ELAGSEKSL4) 	<b>3 Today is National Egg Day</b> 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. Write about your egg drop and provide a reaction to what happened. What would you do differently next time? (ELAGSEKW3)	<b>4 Think Like A Leader</b> Design your own game. Make sure all of the players agree about all of the rules. Why should all of the players follow all of the rules? What happens when someone doesn't play by all of the rules? (SSIPS #3, SSKCG1)

**Week 1 Garden Extension** [Plant Tops and Bottoms](#), by Action for Healthy Kids. Make a list of your favorite foods that are "tops", "middles" and "bottoms." If you could create a new plant with your favorite top, middle, and bottom, what would it look like? Can you give this new plant a name? Find some seeds such as apple and avocado from the foods you eat. Can you grow a new plant? Compare the plants to see which grows faster or taller.

<b>7 Play basketball.</b> How many baskets did you make out of 10? If you do not have a basketball, ball up a piece of paper and try to ring a trash can. Write a subtraction fact to show your results. (MGSEK.OA.1 & MGSEK.OA.2) 	<b>8 Go outside and play!</b> Write about what you did outdoors. (ELAGSEKW3) 	<b>9 Water Balloon</b> Use materials to prevent a water balloon from popping. Go outside and test by throwing it against a wall or tree. Write about your project and provide a reaction to what happened. What would you do differently next time? (ELAGSEKW3) (Science and Engineering Practice - PLANNING AND CARRYING OUT INVESTIGATIONS)	<b>10 Follow a recipe</b> Bake or cook a recipe with a family member. How does it taste? Use a combination of drawing and writing to write an opinion piece about what you made. (ELAGSEKW1) 	<b>11 Think Like An Economist</b> Collect all the coins you can find in your house. Sort them into groups. What is the same about the coins in each group? What is different about the coins in the groups? Create a timeline of the coins using the date on each. (SSIPS #1, 2)
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**Week 2 Flag Day Extension** [Flag Day: All About the Holidays. PBS Learning Media](#). Our flag has 50 stars to represent the 50 states and 13 red and white stripes to represent the thirteen original colonies. What numbers are important in your family? Can you design a flag using numbers of shapes or colors that are important to you or your family? Can you make a pattern with the shapes and colors in your design? Now, make a pillow fort and fly your new flag proudly over your fort.

**14 Measure it Monday.**

Find two things longer and shorter than your hand.  
(K.MD.2)

**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](#).  
(ELAGSEKW7 & Cross Cutting Concept: structure and function)

**16 Virtual Visit**

Go to the [San Diego Zoo](#) virtually. Make observations in your journal about the animals you saw. How are they alike and different?  
(S2L2)

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

(Science and Engineering Practice - PLANNING AND CARRYING OUT INVESTIGATIONS)

**18 Think Like A Geographer:**

Walk down the street you live on. How many steps did it take you? Find the closest street sign. Look at a map of your city and locate your street. Find your school on the map. Use the compass rose on the map to determine if your home is north, south, east, or west of your school. What other places on the map are north, south, east, or west of your home? (SSMGS #1)

NOTE: These activities are best accomplished with a paper map, but most can be completed using Google Maps.

**Week 3 Summer Solstice Extension**

Make Shadow Art <https://kidsactivitiesblog.com/137133/how-to-make-shadow-art-with-kids/> Try doing shadow art at different times of day. How are shadows different at noon than at 6:00PM?

**21 Baseball by the Numbers**

Watch this read aloud of [Curious George Plays Ball](#). There were a lot of numbers in this book. Practice writing your numbers 0-20 in your journal. For extra practice print this [Match the Baseball](#) game. (MGSEK.CC.3)

**22 Have Seeds. Will Travel**

Gather a collection of seeds from a wooded area. Try using one or more of the following methods:

- Drag an old blanket or fuzzy cloth behind you on the ground.
- Place a large, old, wool sock over hands or shoes to see what you can pick up.
- Wear bracelets made of masking tape (sticky side out), to hold the seeds you find.

Use your senses to sort them. (SKP1)  
(Science and Engineering Practice - PLANNING AND CARRYING OUT INVESTIGATIONS)

**23 Tower of 100!**

How high can you go? Using 100 marshmallows and toothpicks build the tallest tower possible! Have kids count out 100 marshmallows. Draw out a plan to get started. (MGSEK.CC.1)

**24 Tell a Story**

Make up your own story. Tell or record your original story to share with others.  
(ELAGSEKW3)

**25 Think Like A Historian**

In honor of National Sunglasses Day Sunday, find photos of people in sunglasses. They can be family pictures, pictures in a magazine, or historic pictures. Choose two that you like. What people or things do you see in the pictures? What do you think is happening in the pictures? Are any of the people celebrating a holiday? What is the same in the pictures? What is different?  
(SSIPS #1; )



**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. Look around, find something that is longer and shorter than your shadow. (MGSEK.MD.1)

**29 Go on a walk outside**

Look for insects, birds and mammals. How are these things different from nonliving things? (SKL1)

**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. Can you make a chain longer than everyone in your family?  
(SMP 1, 5, 6)





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			<b>1 National US Postage Stamp Day</b> 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. (ELAGSEKSL5) 	<b>2 Think Like A Historian</b> Create two questions that can help you learn about how people celebrate 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 write the name of the person you interviewed and the date you asked the questions. What other questions would you like to ask?(SSKH1, SSKG1)
<b>Week 5 Independence Day Extension:</b> <a href="#">Independence Day: Get the scoop on why we celebrate the Fourth of July!</a> National Geographic Kids, Select a <a href="#">craft activity</a> to complete as a fun way to celebrate the Fourth of July.				
<b>5 Prepare a Meal</b> Help an adult prepare a meal. Write a list of how many ingredients you used. Count them. (MGSEK.CC.5 & SMP 2, 5, 6)	<b>6 Adopt a Tree Task</b> Pick a tree in your yard or nearby and observe it. Keep a tree journal where you can draw pictures of your tree and write about what you observe. (ELAGSEKW7) 	<b>7 Keeping it Cold</b> 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? (ELAGSEKW3, Cross Cutting Concept; cause and effect, energy matter) 	<b>8 Virtual Visit</b> Visit one of these aquarium webcams: <a href="#">Georgia Aquarium Webcams</a> and <a href="#">Monterey Bay Aquarium Webcams</a> . Use shapes to create an animal that lives in the ocean. (K.G.2) 	<b>9 Secret Code</b> Have you ever used a secret word? George Washington used a secret code when he was a general. Can you create your own secret code? You could use letters, numbers, shapes or something else! See if a friend or family member can crack it. Who else might use your code? (ELAGSEKSL 1, 2, 6)
<b>Week 6 Extension</b> <a href="#">14 Tools to Turn Game-Obsessed Kids into Genuine Game Designers</a> . Common Sense Media What would be the perfect video game? You get to create it! What kind of characters will be in your video game? What will the background look like? How will someone "win" your video game? Will there be different levels to your game? Draw out your many ideas on paper and share them with a friend or family member. Compare and contrast your ideas for a video game to the very best video game you have ever played. What makes them similar and different?				
<b>12 Driveway Chalk Hundreds Chart</b> Create a 10x10 grid. Make sure you leave plenty of room for your kids to hop, skip, and jump! Write the numbers 1-100 in each box. Each person starts at zero. They throw the dice and move that many spaces. The first person who gets to 100 wins. Then go in the opposite direction, Start at 100 and go to 1.(MGSEK.CC.1)	<b>13 Cow Appreciation Day</b> Today is cow appreciation day. Brainstorm and write facts about cows. Create your own "Look Like a Cow" costume. FYI: Today is Cow Appreciation Day at Chick-Fil-A (ELAGSEKW2 & Cross Cutting Concepts; patterns) 	<b>14 Unsinkable Boat</b> 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. (SKP1 & Cross Cutting Concept: structure and function, scale, proportion and quantity) 	<b>15 Make a Puzzle</b> Make a jigsaw puzzle by creating your own picture or using one from a magazine.  <b>OR</b> Create a paint by number using addition fact to 10. The key displays the answer colors.(MGSEK.OA.2) 	<b>16 Think Like An Economist</b> The adults in your home are tired and have asked you to plan dinner. How will you choose what to prepare? What is your favorite food? Is your favorite food the same as all the other people in your family? Will you prepare your favorite or someone else's? Is the food you will buy to make dinner a good or a service? Is cooking the food a good or a service? (SSKE3, SSKE4; SSIPS #3)

**Week 7 Extension** “Put Things in Order” Take a picture of each step of an everyday activity, like washing your hands: turn on the water, soap your hands, scrub, rinse, and dry. Put the photos in order to create a sequence. What other activities can you photograph and put in order? Write out transition words to go with each picture like: first, next, then, and last. Can you come up with your own transitional words?

### 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. (MGSEK.NBT.1)



- Zero (0) in the ones place
- A one (1) in the tens place.
- A four (4) in the ones place
- A five (5) in the tens place
- A seven (7) in the ones place
- An eight (8) in the tens place

### 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. (MGSEK.G.2)



### 21 Liquid Density Tower

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)

### 22 Dance!

Make up a dance routine to your favorite song. (ESBC.CN.1)



### 23 Amelia Earhart

In honor of National Sunglasses Day Saturday, research [Amelia Earhart](#) at this link and in books. If you could meet Amelia Earhart, what questions would you ask her? How is Amelia like you? How is she different from you?

Bonus: Use items around your house to create airplanes. Can you adjust your design to make your airplane stay in the air longer? (SSMGS #1, SSIPS #1)

**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 to practice basic facts.



Turn over 2 playing cards. Add and subtract the pictures. Make sure you take out the face cards. Please click on this [link](#) for other card games. (MGSEK.OA.4 & 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. (SKE2 & Cross Cutting Concept: patterns)

### 28 Playdough

Follow this recipe and steps to make [playdough](#). Use your playdough to make sight words you know. (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)



### 30 Think Like A Historian

Think about the Washington Monument and the Lincoln Memorial. Who or what is being honored? Why were these people chosen to be remembered? Were they good choices? What is the same about the people or events being honored? What is different? If you were going to create a monument or memorial for someone in your life, who would it be? Why? What character traits do you think they show? (SSKH2; SSKCG2; 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>