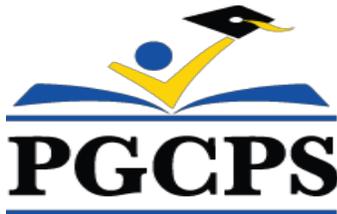
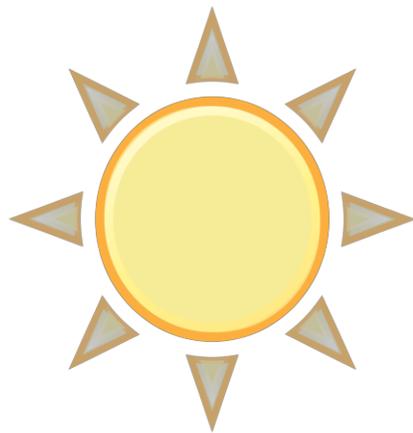


**Reading/English Language Arts, Math,  
and Social Studies  
Summer Enrichment Packet for  
Rising 1st Graders**



**Division of Academics  
Department of Curriculum and Instruction  
Prince George's County Public Schools**

## Directions

Your child has learned so much this school year! It is important that your child keep his/her brain active over the summer to be ready for next year. This packet includes important reading, writing, and math skills that your child will be expected to know prior to starting first grade. These skills are listed on the next page. Once your child has completed an activity, have a family member initial in the box on the calendar or in his/her journal.

-  **Families should preview the calendar and additional activities together.** There are some tasks that may require advanced planning.
  
-  **Students should read for at least 30 minutes each day.**
  
-  **Students will need a journal to complete summer work.** The journal will be your child's personal space for completing daily activities. You may purchase one or you can make a journal by stapling several pieces of paper together or use a notebook/binder with paper. Students may decorate their journal. Specific journaling tasks are given some days, but students may also journal after each day's reading, noting things that stood out, questions that they have, or general wonderings about the text.
  
-  **Each journal entry should:**
  - ❖ Have the date and assignment title.
  - ❖ Communicate the child's thoughts using drawing or writing, including labeling pictures, using spelling that incorporates the sounds your child hears in the words. (Spelling does not have to be correct.)  
Students may write the words, if able, or family members may write the words the child is saying.
  
-  **Use the chart in this packet to record books read during summer vacation.** Students may also use pages in their journal when the chart is filled up.

# *School Readiness:* *What Students Should Know and Be Able to Do Entering First Grade*

Based on the Maryland College and Career Ready Standards

## Reading/English Language Arts



- Name and write all upper- and lowercase letters
- Match letters to sounds, including vowels
- Use letter sounds and other strategies to figure out unfamiliar words when reading and writing
- Identify words that rhyme
- Read common words such as the, of, you, are, she, and my
- Ask and answer questions about a story that has been read to them
- Retell familiar stories
- Name the author and the illustrator of a story and tell what they do
- Identify the parts of a book and how to read a book (left to right, top to bottom and page by page)
- Identify characters, settings, and major events in a story
- Recognize the person, place, thing, or idea that an illustration shows
- Use a combination of drawing, speaking, and writing to describe an event, give information about a topic, or share an opinion
- Write simple sentences that begin with a capital letter and end with a period, question mark, or exclamation point
- Learn and use new words
- Participate in shared reading, writing, and research projects
- Express thoughts, feelings, and ideas clearly
- Participate in discussions by listening and taking turns speaking

## Mathematics



- Counting to 100 by 1s and 10s
- Write numerals up to 20
- Naming written numerals and pairing them with concrete objects
- Sorting multiple groups by one attribute (e.g., all red or all cats)
- Comparing and describing two objects with a measurable attribute (e.g., longer/shorter, heavier/taller)
- Ordering objects by measurable attributes (e.g., biggest to smallest)
- Measuring length using non-standard measurement tools
- Name two-dimensional shapes and their attributes
- Fluently add and subtract within 5
- Add and subtract up to 10 using concrete objects
- Solving simple addition and subtraction problems with totals up to 10, using concrete objects
- Using manipulatives to find the amount needed to make ten

# Sight Word List for Students Entering First Grade

Material: scissors

Cut out the words.

## See and Say

Ask your child to look at the word on a flash card and say the word while underlining it with their finger.

## Read, Spell, Read

Ask your child to say the word, spell out the letters, and then read the word again.

## Air Writing

Ask your child to say the word, and then write the letters in the air.

## Table Writing

Ask your child to read the word, and then write the letters on a table using their finger. (Variation: write the word in whip cream, shaving cream, on sandpaper, or a tray of rice.)

am	ate	be	came	did
eat	get	into	new	no
now	on	our	out	ran
ride	saw	say	so	soon
that	under	well	who	yes

# Dictation Sentences

Materials: journal and pencil

Use one sentence each week during the summer. Read the entire sentence to your child one time.

Then, read the sentence word by word. Give your child time to write the words.

1. I see a map.
2. We like to play.
3. The cat and fish go fast.
4. Look at my big dog.
5. Can I have a red hat?
6. We like to run and play.
7. I can go in the car.
8. This is a bump on my leg.
9. He said to run up the hill.
10. Will you see if the bun is hot?

# Letter Tiles

Materials: envelope, scissors or Ziploc bag (to store letters)

Cut out the letter tiles on the following pages. Have your child select letter tiles to make words. Have your child write the words and use them in sentences. Then, have your child write the sentences in his/her journal. (See journal instructions on the Directions Page.)

A	A	A	A	B	B
B	B	C	C	C	C
D	D	D	D	E	E
E	E	F	F	F	F
G	G	G	G	H	H
H	H	I	I	I	I

J	J	J	J	K	K
K	K	L	L	L	L
M	M	M	M	N	N
N	N	O	O	O	O
P	P	P	P	Q	Q
Q	Q	R	R	R	R

S	S	S	S	T	T
T	T	U	U	U	U
V	V	V	V	W	W
W	W	X	X	X	X
Y	Y	Y	Y	Z	Z
Z	Z				

a	a	a	a	b	b
b	b	c	c	c	c
d	d	d	d	e	e
e	e	f	f	f	f
g	g	g	g	h	h
h	h	i	i	i	i

j	j	j	j	k	k
k	k	l	l	l	l
m	m	m	m	n	n
n	n	o	o	o	o
p	p	p	p	q	q
q	q	r	r	r	r

s	s	s	s	t	t
t	t	u	u	u	u
v	v	v	v	w	w
w	w	x	x	x	x
y	y	y	y	z	z
z	z				

## Reading/English Language Arts Summer Enrichment Calendar

Prince George's County Memorial Library System has a summer reading program. Students may use their PGCPs student identification number to check out materials.

To participate, visit: <https://www.pgcmpls.info/>.

Information about Barnes and Noble's summer reading incentive program is available at <http://barnesandnoble.com/summerreading/index.asp>

A free e-book library (in English, Spanish, or Dual Language) is available for all students during June and July at: <https://benchmarkeducation.com/distancelearning>

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																				
<p><i>Note: If you are interested in English Language Learner Supports visit <a href="https://jr.brainpop.com">https://jr.brainpop.com</a> for games and activities.</i></p>	<b>Fluency</b> 	<b>Comprehension</b> 	<b>Journal Entry/Writing</b> 	<b>Vocabulary</b> 	<b>Word Work</b> 	<b>Website</b> 	<b>Library day</b> 																				
<b>Week 1</b>	<p>Read a story with a family member for 15 minutes. Then, read it to them like a storyteller.</p>	<p>Think about the book you read. Tell someone in your family what happened in the story, or what you learned in the story.</p>	<p>Practice forming your letters correctly.</p> <p>Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj</p> 	<p>Use the following words in a sentence. Write using letter sounds. Discuss beginning and ending sounds.</p> <p>that this then</p> <p>Can you find these words in a story?</p>	<p>Rhyming words have the same ending sound (For example. go-no). Make a list of rhyming words and add them to your journal. Can you think of words that will rhyme with looks, ten, hats, man?</p>	<p>Visit <a href="http://www.pbskids.org">www.pbskids.org</a> for activities, games, stories, and parent resources.</p>	<p>Plan a visit to your local public library, or visit online. Check out a title from the Summer Reading List.</p>																				
<b>Week 2</b>	<p>Sight Word Fluency: Do you know the following words: come, today, went, saw, because, this, she, he, is, or with? Write these words on index cards. Practice reading them quickly.</p>	<p>Think about a story in which the main character needs help. Write a sentence and illustrate what you would do to help.</p>	<p>Write about the book that you are currently reading. If you are reading a story, make a prediction about what will happen next? If you are reading information, write about what you are learning.</p>	<p>While the air is still nice and warm, go out and fly a kite! But, before you do, make a list of the things you will need. Then, go outside and have a good time.</p> 	<p>What vowel (a, e, i, o, u) is missing from the words below?</p> <table style="border: none;"> <tr><td>s_x</td><td>n_t</td></tr> <tr><td>b_s</td><td>l_t</td></tr> <tr><td>h_d</td><td>p_p</td></tr> <tr><td>m_d</td><td>p_t</td></tr> <tr><td>m_x</td><td>h_t</td></tr> <tr><td>c_b</td><td>t_n</td></tr> <tr><td>h_s</td><td>s_n</td></tr> <tr><td>b_g</td><td>w_t</td></tr> <tr><td>m_ss</td><td>g_t</td></tr> <tr><td>b_ll</td><td></td></tr> </table>	s_x	n_t	b_s	l_t	h_d	p_p	m_d	p_t	m_x	h_t	c_b	t_n	h_s	s_n	b_g	w_t	m_ss	g_t	b_ll		<p>Time to brush up on your typing skills! Visit the Typing Factory at <a href="https://www.learninggamesforkids.com/keyboard-games/typing-factory.html">https://www.learninggamesforkids.com/keyboard-games/typing-factory.html</a>.</p>	<p>Read any book from the <i>Fly Guy</i> series by Ted Arnold or any other book from your recommended reading list.</p>
s_x	n_t																										
b_s	l_t																										
h_d	p_p																										
m_d	p_t																										
m_x	h_t																										
c_b	t_n																										
h_s	s_n																										
b_g	w_t																										
m_ss	g_t																										
b_ll																											
<b>Week 3</b>	<p>Listen to an audiobook in the car today.</p> 	<p>What new information did you learn from your reading? What questions do you still have?</p>	<p>Practice forming your letters correctly.</p> <p>Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz</p> 	<p>Make a list of new words from the story you are reading. If you need help understanding the words, ask a member of your family to help you.</p>	<p>Find three interesting words in a magazine or newspaper. Highlight, circle, or cut and paste the words in your journal. Talk about the words. Write a sentence using the words.</p>	<p>Visit <a href="http://www.turtlediary.com/grade-1-games/esl-efl-games.html">http://www.turtlediary.com/grade-1-games/esl-efl-games.html</a> to practice spelling, sight words, and read.</p>	<p>Read <i>Honey, I Love</i> by Eloise Greenfield or another book of poetry.</p>																				

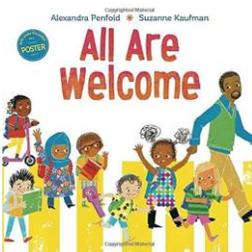
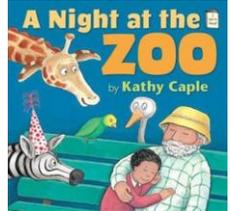
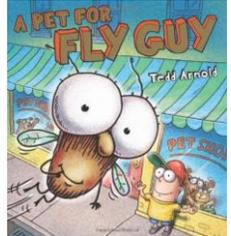
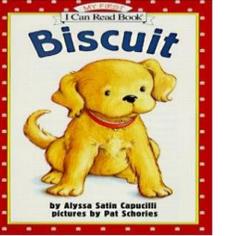
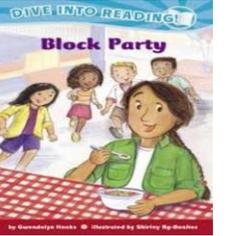
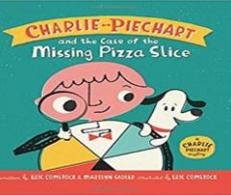
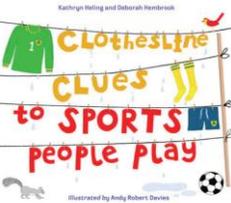
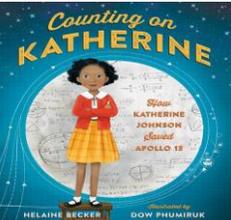
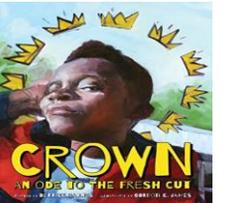
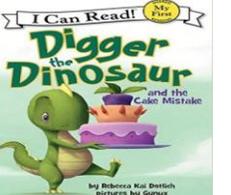
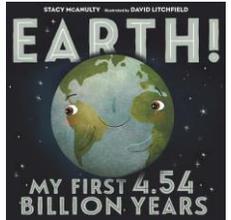
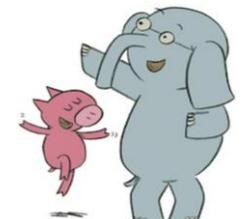
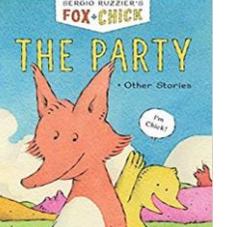
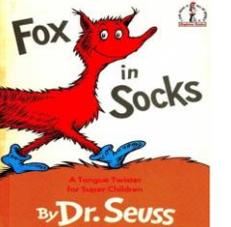
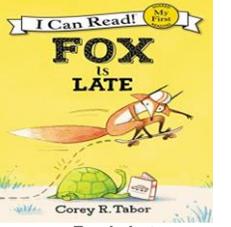
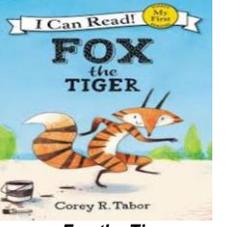
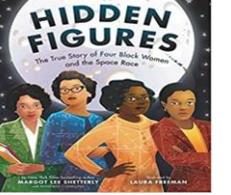
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday												
<b>Week 4</b>	Read a poem out loud. First read it slowly in parts with a family member and then read it again. Can you read it on your own?	Read another poem. As you read, visualize by making pictures in your mind of what is happening. What do you see? 	 Write your own poem. Illustrate your poem. Share it with a friend or family member.	Poems often relate to our five senses: sight, hearing, taste, touch, and smell. Review the poems that you read. Find words that relate to at least three of your senses. Here is an example: sight: red touch: rough smell: sweet	Ask a family member to read aloud a newspaper or a magazine. Did you hear a new and interesting word? Talk about this word. Write it in your journal.	Time to brush up on your typing skills! Visit the Typing Factory at <a href="https://www.learninggamesforkids.com/keyboard-games/typing-factory.html">https://www.learninggamesforkids.com/keyboard-games/typing-factory.html</a> .	Read <i>Chicken in Space</i> by Adam Lehrhaupt, or another book from your recommended summer reading list.												
<b>Week 5</b>	Read a silly story. Take turns reading it aloud with a family member. Listen to how your family member uses expressions while reading. Practice!	Did you read a silly story? What did the characters do that made this story seem silly?	Create your own silly story. A duck riding a bike is silly. What other silly things can you think of an animal doing? Use your imagination. Draw a picture of the characters in your story. 	Use the following words in a sentence. had will up Can you find these words in a story?	Play "I Spy." Name a beginning or ending sound and take turns identifying objects that begin or end with that sound. 	Visit <a href="http://www.rif.org">http://www.rif.org</a> and explore the resources, activities, booklists, and apps to help your reading skills grow!	Read <i>Maybe Something Beautiful</i> by F. Isabel Campoy and Theresa Howell, or another book on the recommended book list.												
<b>Week 6</b>	More Sight Word Fluency: Do you know the following words: like, have, said, my, it, will, are, on, was, or come? Write these words on index cards. Practice reading them quickly. Review your earlier words, too!	Would you recommend the book you read from the summer reading list to a friend? What did the author do to make this book interesting? What friend or member of your family would like the book? Why would they like it?	In your journal, make a list of topics that you are interested in learning more about. Share your list with your family. Find books on these topics when you visit the library.	Play the secret word with a family member. Use these words: fishing, swimming, camping, and family. Start with the first word and give clues about the meaning of words and see if your partner can guess the word. Example: I have lots of sand. People like to swim. People make castles. What am I? <b>Answer: the beach!</b>	Write all the words you can make with these words. <table border="1" data-bbox="1314 846 1524 959"> <tr> <td>-ack</td> <td>-ake</td> <td>-ay</td> </tr> <tr> <td>-eck</td> <td>-eat</td> <td>-ee</td> </tr> <tr> <td>-ick</td> <td>-ill</td> <td>-ing</td> </tr> <tr> <td>-ock</td> <td>-op</td> <td>-orn</td> </tr> </table> (Example: sack, cake, day)	-ack	-ake	-ay	-eck	-eat	-ee	-ick	-ill	-ing	-ock	-op	-orn	Visit <a href="http://www.storylineonline.net/">http://www.storylineonline.net/</a> to read stories with Hollywood actors and actresses.	Check out <i>Earth! My First 4.54 Billion Years</i> by Stacy McAnulty, or another book that tells you information that interests you.
-ack	-ake	-ay																	
-eck	-eat	-ee																	
-ick	-ill	-ing																	
-ock	-op	-orn																	
<b>Week 7</b>	Read your favorite part of the library book to a member of your family. This time read it like a news reporter on television.	What do you like about the book you checked out? What interesting facts did you learn about the topic that you chose?	Write about your dream vacation. Where would you go? Why would you go there? Tell what it looks like and who would go with you.	Write 6 words you have learned from reading <i>Earth! My First 4.54 Billion Years</i> by Stacy McAnulty, or the book that you chose. in your journal, and use each word in a sentence.	Underline the beginning sound of these words, then write a new word with that sound, like this... <u>h</u> at... <u>h</u> orse Bat Go Door Can Mom Fig Stop Pet	Visit <a href="http://www.roythezebra.com/">http://www.roythezebra.com/</a> for interactive reading games, guided reading stories, and other activities.	Ask the librarian, a family member, or a friend to recommend a mystery book that you might enjoy reading.												

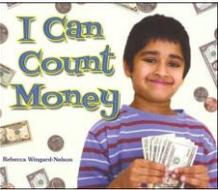
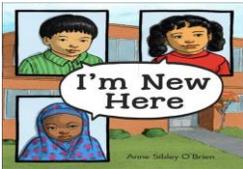
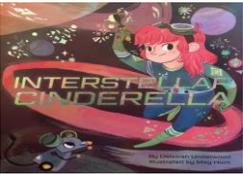
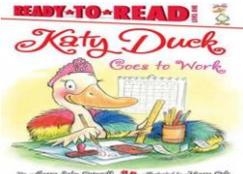
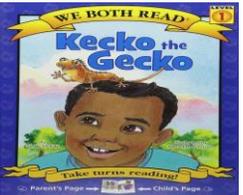
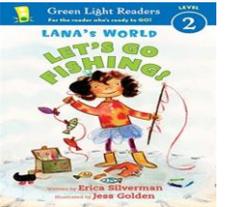
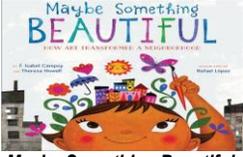
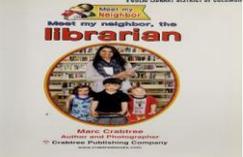
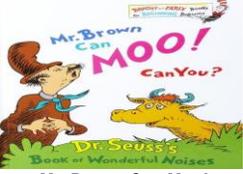
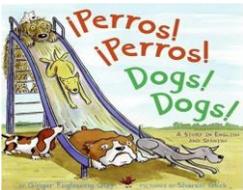
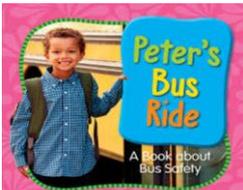
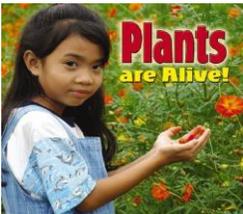
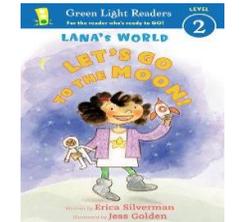
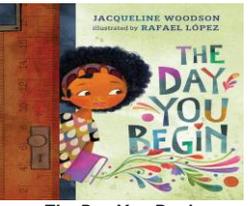
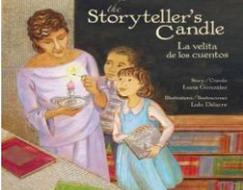
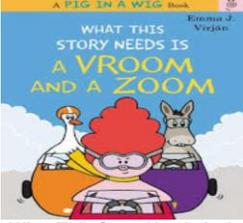
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Week 8</b>	Read the mystery book that you checked out of the library with a family member.	Ask a family member to choose a comic strip from the newspaper, and then ask them to cut it up. Put the comic strip back together in the right order, and explain it to him or her.	Write a thank you note to the librarian at your library for helping you all summer long! 	Are you ready to go back to school? Do you have your Back to School supply list? What materials do you think you will need? Illustrate and label your supplies in your journal.	Play Sight Word Hopscotch! Write your ten words from Sunday on paper or the ground. When you land on the word, read it aloud. 	Practice your sight words at <a href="http://www.brainpopjr.com/readingandwriting/">http://www.brainpopjr.com/readingandwriting/</a> .	Be sure to return all of your library books.  Enjoy the rest of your summer break, and have a great year! 
<b>Week 9</b>  <b>Social Studies Project</b>	Listen to an audiobook about an important person today. We call these kinds of books biographies or memoirs. 	What new information did you learn from your reading? What questions do you still have?	Practice writing a note to the main character of the book you picked to read on Sunday. Tell them something you learned from the book.  For example: Dear First Lady Michelle Obama, I learned you are a lawyer.	Make a list of new words from the story you are reading.  If you need help understanding the words, ask a member of your family to help you.	Find three interesting words in a magazine or newspaper. Highlight, circle, or cut and paste the words in your journal. Talk about the words. Write a sentence using the words.  	Visit <a href="https://pbskids.org/games/spelling/">https://pbskids.org/games/spelling/</a> to practice spelling, sight words, and play games with vocabulary.	Read <i>Duck for President</i> by Doreen Cronin or read along with the <a href="https://tinyurl.com/Duck4Pres">Duck for President Read Aloud</a> .  <a href="https://tinyurl.com/Duck4Pres">https://tinyurl.com/Duck4Pres</a>  
<b>Week 10</b>  <b>Social Studies Project</b>	Read a poem about a being a caring helper out loud. First read it slowly in parts with a family member and then read it again. Can you read it on your own?	Read another poem. As you read, visualize by making pictures in your mind of what is happening.  What do you see? 	 How can you be a hero? Write your own poem. Illustrate your poem. Share it with a friend or family member.	Poems often relate to our five senses: sight, hearing, taste, touch, and smell. Review the poems that you read. Find words that relate to at least three of your senses. Here is an example:  sight: red  touch: rough  smell: sweet	Ask a family member to read aloud a newspaper or a magazine. Did you hear a new and interesting word? Talk about this word. Write it in your journal.	Time to explore real life heroes who cared for our world and learn! Visit PBS Kids <a href="https://pbskids.org/xavier/games/hero-maker">https://pbskids.org/xavier/games/hero-maker</a>  Which hero did you learn about? How did they make our world a better place?	Read <i>All Are Welcome</i> by Alexandra Penfold or another book from your recommended summer reading list.

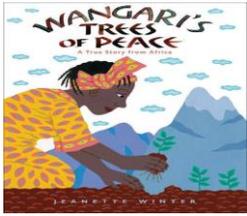
# Summer Reading List from Prince George's County Memorial Library System for Rising First Graders

Find resources and activities for students at: <https://www.pgcmlls.info/kids-649>

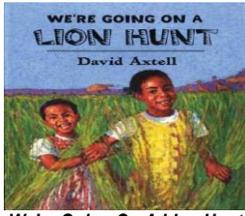
Check out these great titles. Many of these books are part of a series. If one is not available, try another from the series!

 <p><b>All Are Welcome</b> Alexandra Penfold</p>	 <p><b>A Night at the Zoo</b> Kathy Caple</p>	 <p><b>A Pet For Fly Guy (Series)</b> Tedd Arnold</p>	 <p><b>Biscuit</b> Alyssa Capucilli</p>	 <p><b>Block Party</b> Gwendolyn Hooks</p>	 <p><b>Charlie Piechart and the Case of the Missing Hat</b> Eric Comstock</p>	 <p><b>Charlie Piechart and the Case of the Missing Pizza Slice</b> Eric Comstock</p>
 <p><b>Chicken In Space</b> Adam Lehrhaupt</p>	 <p><b>Clothesline Clues To Sports People Play</b> Kathryn Heling and Deborah Hembrook</p>	 <p><b>Counting on Katherine: How Katherine Johnson Saved Apollo 13</b> Helaine Becker</p>	 <p><b>Crown: An Ode To The Fresh Cut</b> Derrick Barnes</p>	 <p><b>Digger the Dinosaur and the Cake Mistake</b> Rebecca Dotlich</p>	 <p><b>Drum Dream Girl: How One Girl's Courage Changed Music</b> Margarita Engle</p>	 <p><b>Earth! My First 4.54 Billion Years</b> Stacy McAnulty</p>
 <p><b>Elephant And Piggie</b> Mo Willems</p>	 <p><b>Fly Guy Presents: Space</b> Tedd Arnold</p>	 <p><b>Fox &amp; Chick: The Party And Other Stories</b> Sergio Ruzzier</p>	 <p><b>Fox in Socks</b> Dr. Seuss</p>	 <p><b>Fox Is Late</b> Corey R. Tabor</p>	 <p><b>Fox the Tiger</b> Corey R. Tabor</p>	 <p><b>Hidden Figures: The True Story of Four Black Women and the Space Race</b> Margot Lee Shetterly</p>

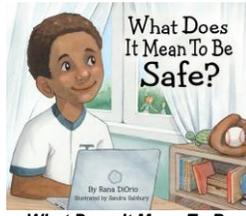
 <p><b>I Can Count Money</b> Rebecca Wingard-Nelson</p>	 <p><b>I'm New Here</b> Anne Sibley O'Brien</p>	 <p><b>Interstellar Cinderella</b> Deborah Underwood</p>	 <p><b>Katy Duck Goes to Work</b> Alyssa Satin Capucilli</p>	 <p><b>Kecko the Gecko</b> Sindy McKay</p>	 <p><b>Let's Go Fishing!</b> Erica Silverman</p>	 <p><b>Little Critter (Series)</b> Mercer Mayer</p>
 <p><b>Mae Among The Stars</b> Roda Ahmed</p>	 <p><b>Max Spaniel: Dinosaur Hunt</b> David Catrow</p>	 <p><b>Maybe Something Beautiful: How Art Transformed A Neighborhood</b> F. Isabel Campoy and Theresa Howell</p>	 <p><b>Meet My Neighbor</b> Marc Crabtree</p>	 <p><b>Mr. Brown Can Moo! Can You?</b> Dr. Seuss</p>	 <p><b>Music Time</b> Gwendolyn Hooks</p>	 <p><b>Our Earth: Making Less Trash or Other Books in the Series</b> Peggy Hock</p>
 <p><b>Perros! Perros! Dogs! Dogs!</b> Ginger Foglesong Guy</p>	 <p><b>Peter's Bus Ride: A Book about Bus Safety</b> Kerry Dinmont</p>	 <p><b>Plants are Alive!</b> Molly Aloian</p>	 <p><b>Let's Go To The Moon</b> Erica Silverman</p>	 <p><b>Star Stuff: Carl Sagan and The Mysteries of the Cosmos</b> Stéphanie Roth Sisson</p>	 <p><b>Thank You, Omu!</b> Oge Mora</p>	 <p><b>The Day You Begin</b> Jacqueline Woodson</p>
 <p><b>The Garden</b> Gwendolyn Hooks</p>	 <p><b>The Rough Patch</b> Brian Lies</p>	 <p><b>The Storyteller's Candle/ La velita de los cuentos</b> Lucía González</p>	 <p><b>What This Story Needs Is A Vroom And A Zoom</b> Emma J. Virján</p>	 <p><b>The Wing Wing Brothers Math Spectacular!</b> Ethan Long</p>	 <p><b>Under My Hijab</b> Hena Khan</p>	 <p><b>Uno, Dos, Tres/One, Two, Three</b> Pat Mora</p>



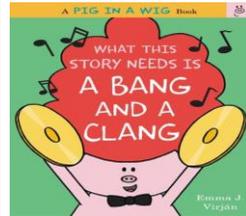
**Wangari's Trees Of Peace**  
Jeanette Winter



**We're Going On A Lion Hunt**  
David Axtell



**What Does It Mean To Be Safe?**  
Rana DiOrio



**What This Story Needs Is A Bang And A Clang**  
Emma J. Virjaan

# Summer Reading Log

Chart your summer reading here! List the books you have read on this page. Depending on how fast you read and how much you read each day, you may have completed more books than suggested on the calendar. Glue or tape this document to the first page of your journal.

Name \_\_\_\_\_

School \_\_\_\_\_

Book Title	Author	Genre	Number of Pages	Recommendation to Other Readers

# Mathematics Summer Enrichment Calendar

These examples focus on both mathematical skills and problem solving. While you may use calculators and other tools as needed, be prepared to explain the reasoning behind your answers. Some problems require answers from previous activities but, overall, you may do the problems in any order or any day that you choose.

Week 1				
	Start with June 15 and stop on August 31. How many days for summer break?	Walk around your house and/or apartment. How many windows can you see? How many doors? Which object is there more of, doors or windows?	Count the total number of steps in your house. If you live in an apartment, count the number of steps it takes to get to your apartment door.	Count the number of houses, buildings, and cars in your neighborhood. List your answers in a chart.
Week 2				
Take a tour of the kitchen. Count the how many different cylinders, squares, rectangles, pyramids, and triangles there are.	Draw a number line. Beginning with 18, go back 12 numbers. What number did you stop on?		Write five subtraction sentences that start with the number 5.	Practice skip counting by 2s. You can count by 2s to find out the number of socks in your drawer. Estimate how many socks are in your drawer. Then count the pairs by 2s. To check your answers, separate the pairs and count by ones.
Week 3				
	Look for 15 items in your house that can be matched with the numbers 1 through 10. (ex. 3 pots, 1 microwave, etc.) Keep a record by drawing pictures of the items you found. This will be done for the next day ----->	Look for 15 items in your house that can be matched with the numbers 1 through 10. (ex. 3 pots, 1 microwave, etc.) Keep a record by drawing pictures of the items you found.	Cut out some shapes such as circles, squares, triangles, and rectangles. Try to match them with real things in your house or neighborhood.	This calendar only has the days Monday-Friday. Fill in the dates for July. How many Sundays are in July 2020? How could you show any missing dates?
Week 4				
Guess (estimate) about how many wheels there are at your house. Do not forget wheels on cars, bicycles, toys, and even the vacuum cleaner. Count the wheels to see how close you were to your estimate.	Write ten number sentences that equal 10. Use both addition and subtraction. Draw pictures to show your number sentences.	How many "Cheerios" can you grab in a handful? Write down your estimate. Now grab a handful of "Cheerios." What is the difference between your estimate and the actual handful? Try it again.	Start counting on January 1. What is the date of the 100 <sup>th</sup> day of the year?	Write the names of the people in your family. Count the letters in each name and circle the name with the most letters. Underline the name with the least number of letters.
Week 5				
Look for patterns on clothes. Copy a pattern you find onto a sheet of paper using crayons or markers.	Go on a shape hunt. Look through your house to find things shaped like a circle, square, triangle, pentagon and hexagon. Make a chart to show your results.	Cut an empty box on the folds. What shapes and how many shapes do you have?	What is the shape of a paper towel roll? Cut the roll in half. What shape(s) do you have? Cut the roll from one end to the other and flatten out the shape. What is the flattened shape named?	Look in the newspaper or a magazine for a graph. Write about the information that you can determine from the graph.

Week 6				
Write the numbers 16-20. Draw pictures of items or cut pictures from magazines to match the number written.	Read a math book from the list.	Does $6+3 = 5+2$ ? Draw a picture to prove your answer.	Compare the width of two rooms in your house by using your feet as a measuring tool. Which is wider? How do you know?	How many times can you say the alphabet in 30 seconds? Make a prediction and then have an adult time you. Which number was more, the prediction or the actual count? Write a number sentence to show the difference.
Week 7				
What is today's date? How many days left before school starts? How did you count?	Predict three colors for cars you will see. While on a drive, keep a count of the cars on the road that are the colors you predicted. Make a chart showing how many cars of the predicted colors you see.	Use a calendar to determine if there are more Sundays in July 2020 or August 2020? Explain your answer.	Use coins to show 15¢ at least three different ways.	Read a math book from the list and write about it in your journal.
Week 8				
Predict how many jumping jacks you can do in 30 seconds. Test your prediction. Use the terms "less than" or "equal to" to compare your prediction and the actual count.	Cut out the pattern blocks on the resource page. Put shapes together to create other shapes. Make a hexagon using the triangles. What other shapes can you make?	Estimate and count how many bites it takes you to eat a sandwich. Estimate and count how many bites it takes for an adult to eat a sandwich. Are the numbers the same? Why or why not?	Use a deck of playing cards to play a game with addition. Take out all face cards. An ace is one. Stack the cards with the numbers not showing. Each person takes two cards and determines the sum. The person with the highest sum wins the round. Repeat.	Use a deck of playing cards to play a game with subtraction. Take out all face cards. An ace is one. Stack the cards with the numbers not showing. Each person takes two cards and determines the difference. The person with the smallest difference wins the round. Repeat.

# Mathematics Recommended Book List

Register and find fun activities at [www.pgcmis.info/summeratyourlibrary](http://www.pgcmis.info/summeratyourlibrary).

The following titles are available at your local library. Visit the Prince George's County Memorial Library System at <https://www.pgcmis.info/>.

Title	Author
1. 12 Ways to Get to 11 (Addition)	Eve Merriam
2. A Fair Bear Share (Subtraction)	Stuart J. Murphy
3. Animals on Board (Addition)	Stuart J. Murphy
4. Domino Addition	Lynette Long
5. Mission: Addition	Loreen Leedy
6. Pizza Counting (Addition)	Christina Dobson
7. Two of Everything (Doubling)	Lily Toy Hong
8. Actual Size (Measurement)	Steve Jenkins
9. Betcha! (Estimation)	Stuart J. Murphy
10. Count on Pablo	Barbara deRubertis
11. Fish Eyes: A Book You Can Count On	Lois Ehlert
12. From One to One Hundred	Teri Sloat
13. Two Ways to Count to Ten: A Liberian Folktale	Ruby Dee
14. What Comes in 2's, 3's, and 4's?	Suzanne Aker
15. Ten Black Dots	Donald Crews
16. The Man Who Counted: A Collection of Mathematical Adventures	Malba Tahan
17. Fraction Action	Loreen Leedy
18. Eight Hands Round (Shapes)	Ann Whitford Paul
19. Fraction Fun	David A. Adler
20. Peg + Math: Math in the Bath	Jennifer Oxley

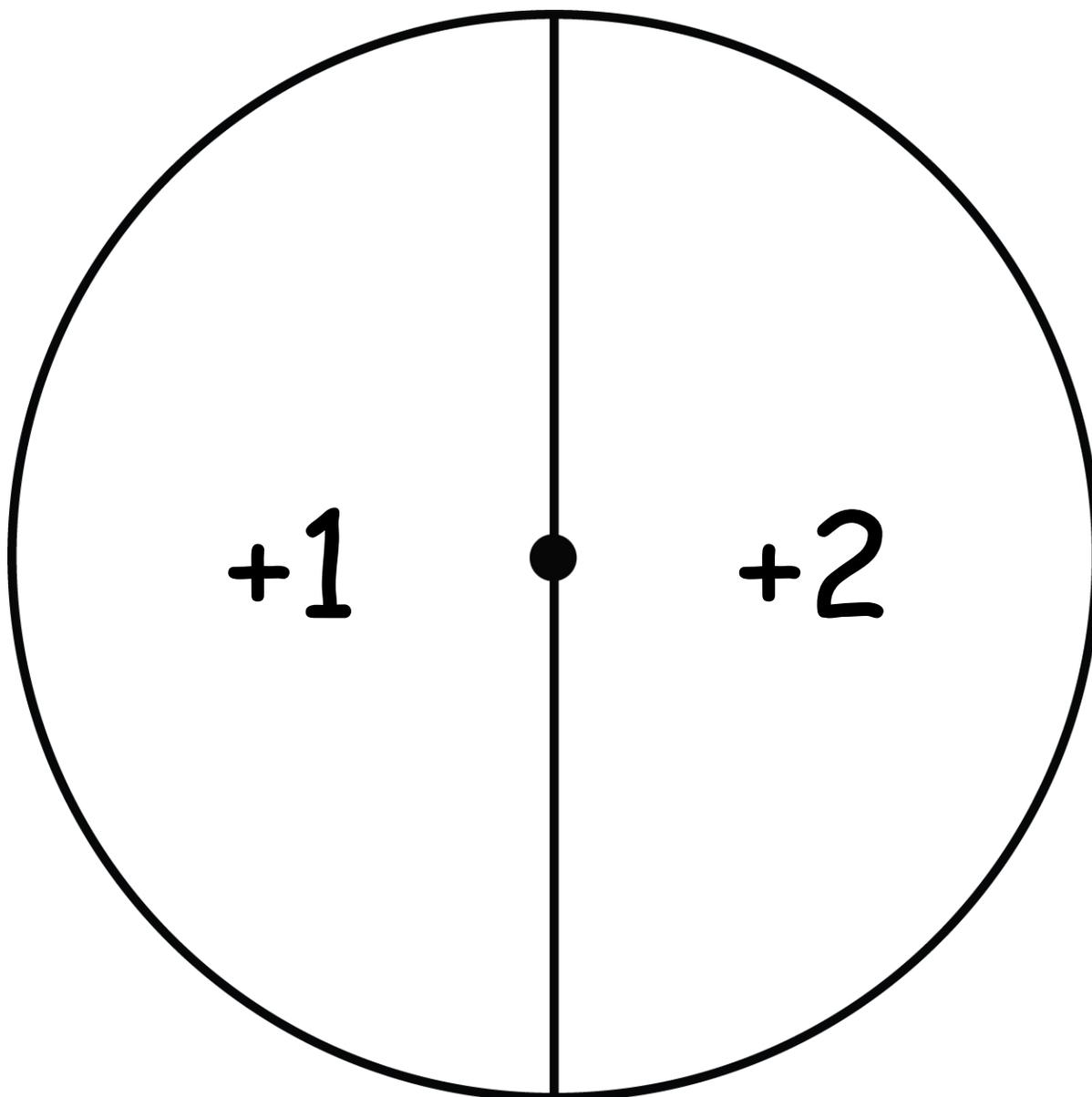
# Mathematics Fluency Games

## Hop the Line Addition

Materials: journal, number cards p. 27, number lines p. 29, paper clip, pencil, scissors, and spinner on this page

1. Cut apart the number cards on the next page. Pick a number card.
2. Place a paper clip in the center of the spinner. Place the pencil point in the center of the paper clip. Use your finger to spin the paper clip around the pencil point.
3. The number that the paper clip stops on is what you add to your number card. (+1 or +2).
4. Use the number lines on the "Hop the Line" page to show how to add these numbers together.
5. Record your addition number sentence in your journal.

**Spinner**



# Hop the Line Addition Cards

May be photocopied for classroom use. © 2011 by Susan O'Connell and John SanGiovanni from *Mastering the Basic Math Facts in Addition and Subtraction*. Portsmouth, NH: Heinemann.

0

1

2

3

4

5

6

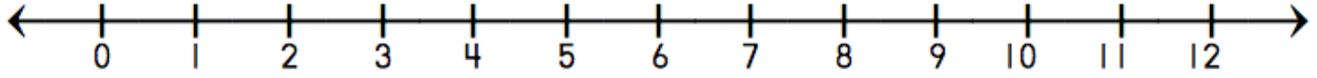
7

8

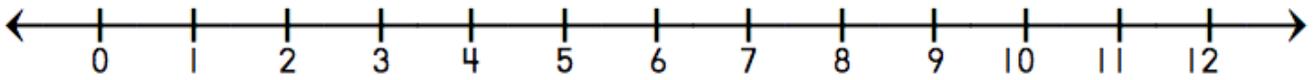
9

10

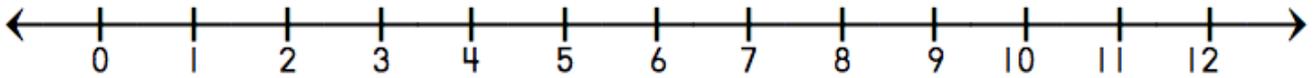
# Hop the Line



---



---



---