



THE PARK
SCHOOL

Entering Grade 1 Summer Math Calendar

Monday

Tuesday

Wednesday

Thursday

Friday

July

As you walk or drive in the car, try to find all the numbers 0, 1, 2, 3, 4, 5 ... in order. How many did you see along the way? How high can you go?	Ask a grown-up to say 3 numbers in a row. You say the next three numbers – keep going back and forth. Do this several times! (ex: adult: "7,8,9" child: "10,11, 12)	Choose an object and see if you can make a collage picture of it using basic shapes. Can you make a collage of a car? house? cat? How realistic can you make it? Can you make a self-portrait?	Count how many steps it takes you to get from your room to the kitchen. Try giant steps. How many more regular steps did it take?	Count how many times you can jump in a minute!
Count the number of days until school starts.	Cut out some pictures from a magazine or newspaper that show how numbers are used in sports.	Draw a picture using 2 circles, 3 triangles, and 1 rectangle. Count the number of sides and the number of corners in your picture.	Find a book. Guess how many pages are in the book. Now check.	Find a group of objects to sort (toys, laundry, cans of food, etc.) Find at least two ways to sort and classify (describe each group)
Find two different kinds of flowers outside. What is the same about them? What is different about them?	Get 5 coins. What are the names of each coin? What is each coin worth? What is the total value of the coins. Do this 5 times, with 5 different amounts of coins.	Go on a shape hunt. Look for 2-D shapes and 3-D shapes. Look for items shaped like a circle, square, cube, sphere, rectangle, cylinder, and prism. Look inside and outside!	Help set the table for a meal. How many people are there? How many forks, spoons, and knives do you need? What about plates and napkins?	How high can you count? Can you count by 10's? Challenge: Can you count by 10s starting at 13 or 27?
I have 10 (or 6) chocolate and vanilla cupcakes. How many of each could I have?	I have 5 toys. Some are balls and some are trucks. How many of each could I have?	I have 7 (or 9) pieces of candy. Some are gum balls and some are chocolates. How many of each could I have?	I have 8 (or 10) crayons. Some are blue and some are red. How many of each could I have?	Jump 3 times: once like a bunny, once like a frog, and once like a child. Measure each jump. Which jump was the shortest? longest?
Look at the calendar and count how many Fridays are in July and August. How many Fridays in a year?	Look in your kitchen. Find 5 boxes of different sizes. Line them up from tallest to shortest. Now line them up from thickest to thinnest.	Make a chart of the weather this month.	Make a chart of the weather this week. How many sunny days? How many cloudy days? Rainy days? How many more sunny days than rainy days?	Make a list of all the 2D and 3D shapes you can think of. Go on a scavenger hunt looking for those shapes. Check off the shapes you find.



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August

<p>Make a list of all the fruits you have. Sort them by color. Make a graph to show your sorting. Can you sort them in another way?</p>	<p>Measuring is an important skill for any building project. If you build something this summer, take a picture of it, and explain what measurements you used to make it.</p>	<p>Mary saw 3 bees buzzing around a flower. 2 more bees joined them. How many bees are buzzing around the flower now? How many wings?</p>	<p>Play a MATH GAME!</p>	<p>Play games and talk about math in the real world.</p>
<p>Play Ten Frame--play one or more of the games. https://www.nctm.org/Classroom-Resources/Illuminations/Interactivities/Ten-Frame</p>	<p>Practice counting on from numbers other than one. Start at 4, start at 17, or start at 32. Now try counting backwards.</p>	<p>Practice estimating. Show your child small groups of items and ask them to estimate how many are in the group. Then count and check your estimates.</p>	<p>Read a math book.</p>	<p>Roll two dice. Add the numbers together and write a number sentence. Play this ten times.</p>
<p>Sort the laundry (by owner, by color, by size, or by item type). Who in your family has the most pairs of socks in this load?</p>	<p>Take a walk outside. Record how many insects, birds, and mammals you see. What did you see the most of? Try using tally marks to keep track.</p>	<p>Tell someone what one more and one less is of these numbers: $\underline{\quad} 5$ $\underline{\quad} \underline{\quad} 8 \underline{\quad} \underline{\quad} 12 \underline{\quad}$</p>	<p>The answer is 8. What is the question?</p>	<p>There are 25 "math boxes." We encourage you to complete 20 boxes per month. Color in each box as it is done. Many of the games and activities can be played over and over--so feel free to substitute.</p>
<p>Try a game like basketball, bowling or mini golf. Help keep score. Who had the most points? Is that person the winner?</p>	<p>Use paper clips to measure two things in your house. Which one is longer? Shorter? Or are they the same?</p>	<p>What would your house look like if it were only two inches high? or a 4ft long ant? Make a model of something as accurately as you can. What math did you need to use?</p>	<p>When you go out count how many people are wearing shorts versus long pants and compare. Why might this change on another day?</p>	<p>With chalk, make a repeating pattern design on a sidewalk or driveway near you.</p>
<p>Write the names of the people in your house. Count the letters in each and circle the name with the most letters. How many letters are there if you put all the names together?</p>	<p>Write your last name. If A=1, B=2, C=3, etc. What is your last name worth?</p>			