



Entering Grade I

Summer Math Calendar: JULY

- 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 (and should) be played over and over--so feel free to substitute.

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?	Look at the calendar and count how many Fridays are in July and August. How many Fridays in a year?	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)	How high can you count? Can you count by 10’s? Challenge: Can you count by 10s starting at 13 or 27?	Count how many times you can jump in a minute!
Play Guess My Number! <i>Directions in folder</i>	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!	Cut out some pictures from a magazine or newspaper that show how numbers are used in sports.	Use paper clips to measure two things in your house. Which one is longer? Shorter? Or are they the same?	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)
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?	Play Counters in a Cup <i>Directions in Green folder.</i>	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?	Find two different kinds of flowers outside. What is the same about them? What is different about them?	Play Ten Turns <i>Directions in Green folder.</i>
I have 5 toys. Some are balls and some are trucks. How many of each could I have?	Count the number of days until school starts.	Tell someone what one more and one less is of these numbers: ___ 5 ___ ___ 8 ___ ___ 12 ___	Read a book with numbers in it. (See list of literature suggestions on the “Summer Math” section of Park School Web Site.)	Find a book. Guess how many pages are in the book. Now check.
I have 10 (or 6) chocolate and vanilla cupcakes. How many of each could I have?	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.	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?	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?	Play Ten Frame--play one or more of the games. https://www.nctm.org/Classroom-Resources/Illuminations/Interactivities/Ten-Frame/



Entering Grade I

Summer Math Calendar: AUGUST

<p>I have 7 (or 9) pieces of candy. Some are gum balls and some are chocolates. How many of each could I have?</p>	<p>Play Roll and Record. <i>Directions in Green folder.</i></p>	<p>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.</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>Draw a picture using 2 circles, 3 triangles, and 1 rectangle. Count the number of sides and the number of corners in your picture.</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>Roll two dice. Add the numbers together and write a number sentence. Play this ten times.</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>Make a chart of the weather this month.</p>	<p>Read a math book.</p>
<p>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?</p>	<p>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?</p>	<p>Play Counters in a Cup! <i>Directions in Green folder.</i></p>	<p>Write your last name. If A=1, B=2, C=3, etc. What is your last name worth?</p>	<p>With chalk, make a repeating pattern design on a sidewalk or driveway near you.</p>
<p>The answer is 8. What is the question?</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>I have 8 (or 10) crayons. Some are blue and some are red. How many of each could I have?</p>	<p>Roll two dice. Add the numbers together and write a number sentence. Play this ten times.</p>	<p>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?</p>
<p>Play Roll and Record <i>Directions in Green folder.</i></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>Play a MATH GAME!</p>	<p>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.</p>	<p>Play Compare or Double Compare. <i>Directions in Green folder.</i></p>