

Name: \_\_\_\_\_

## Students Entering Grade 1 Summer Math Review Calendar

Dear Families,

Research shows that most students lose about two months' worth of skills in mathematics during the summer months. You can help stop this from happening! Attached to this letter are math review calendars for June, July and August. For each day on the calendar, there is a question, problem, or activity for your child to do at home that will help to review the concepts covered during the school year. These concepts will develop with your child in the next grade level. It is suggested that your child works each day to review and talk about the concepts with a family member. Encourage your child to explain to you what they know and to show their thinking using words, numbers and pictures. **Please initial each day of the calendar as your child completes each task.** Your initials will indicate that your child not only did the task, but that you also talked about it together and/or looked at their work and that they solved it correctly.

Your child is encouraged to return the math review calendars to his or her new teacher in September, with **all of the days initialed.** I hope you will enjoy letting your child show you how much they've learned.

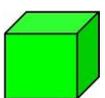
Susan Smith, Principal

### June 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sort a collection of objects at home and tell how you sorted them. Examples: Legos, seashells, cereal, toy cars, Barbie shoes. Show the data using tally marks.	Get a spoon and a cup. Put the spoon <b>above</b> the cup. Put the spoon <b>in front of</b> the cup. Put the spoon <b>beside</b> the cup. Now measure how many spoons of water it takes to fill the cup.	Draw a family that has <b>MORE</b> than 5 people.	Find examples of spheres in your home. Order them from largest to smallest.	How many different ways can you represent the number 10 in a picture?	Use objects to show a set that is <b>ONE MORE</b> than 12.	Solve using a picture or objects.  $8 - 2 =$  $6 - 1 =$  $9 - 3 =$
Find five toys and order them from lightest to heaviest.	Brian has 9 marbles in all. Some are under a cup. He has 3 in his hand. How many are under the cup?	Choose 10 toys. Sort them. Explain how you sorted. Sort the toys a different way. Explain how you sorted this time.	How many different ways can you represent 7 as the sum in a number sentence? Use objects to help you. Ex: $3 + 4 = 7$	Mary wants 11 flowers in her garden. She has 4 flowers. How many more flowers does Mary need? Draw a picture to show your thinking.	Sort the laundry and explain how you sorted the clothes. Make a pictograph to show how you sorted.	Practice skip counting by 10's starting at 10 and end at 70. How many numbers did you say?
I have 3 fish. How many more fish do I need to have 12 in all?	Draw a picture using 2 circles, 5 squares, 3 rectangles, and 1 triangle.	Use objects to show a set that is <b>ONE LESS</b> than 11.	Discuss how you use measurement in your family.	Tell an addition story problem. Solve it by drawing a picture.		

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July 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 <h2 style="text-align: center;">Happy 4th of July!</h2>					Find some rocks in your yard. Put them in order from smallest to largest.	Start at 52 and count to 100.
Go on a shape hunt. Find 3 things in the shape of a circle.	Write the number name for 0 - 10 like this . . . zero, one, two, three, four and so on.	Find a rectangle in your home and trace it on a piece of paper. How many sides does it have? How many sides for 3 rectangles?	Take a handful of cereal. How many pieces are there? How many groups of 10 can you make? How many are left over?	Practice writing numbers from 1 to 20.	Shape hunt. How many different triangles can you find?	What is this shape? Tell someone about this shape. Find this shape in your house. 
Find 3 things in your house that weigh less than an apple.	Solve using a picture or objects.  8 - 5 = ____ 7 - 5 = ____	Choose 2 books. Which one is heavier? Which one is longer? Use other words to describe the books.	Tina bakes 12 cookies. She ate 4 of the cookies. How many cookies does she have left? Show how you solved for the answer.	Draw a picture to solve:  3 + 2 = ____  5 - 3 = ____	Find things in your house or outside that are in the shape of a cone.	There are 9 cars in a parking lot. Some are red and the rest are black. How many could be red and how many could be black? Show 3 different solutions.
Draw a number line from 1 - 20. Have an adult cover a number and you tell what number is covered.	How many different ways can you represent the number 9 in a picture?	Using a 100 charts, start at 37. Count how many spaces it is to 100.	Use objects to show a set that is one more than 13.	Write the numbers using words: <b>11</b> <b>12</b> <b>13</b>	Go outside and describe what you see. Use the words taller, shorter, and longer.	Draw a picture of a garden with flowers that is one less than 19.
Tell an adult what 3 numbers come after 89.	There are 7 hens and 4 chicks. Write an equation to show the total number of animals.	Tell a subtraction story problem with the number 11 then solve it by drawing a picture.	Discuss with a family member how you used math yesterday.	Use objects to show a set that is ONE LESS than 16.	Use M & M's or another item to create 5 sets less than 20. Write the number for each set.	Find different size bowls in your kitchen. Which one holds more? Less? Test it out.
Describe a square, circle, triangle and rectangle. Make a list of the number of sides and corners for each shape.						

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August 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Look at a calendar. How many days are left until school begins? How many weeks? Predict how many will be sunny, rainy or cloudy. How can you keep track?	Write the numbers for the following: <b>Ten</b> <b>Twelve</b> <b>Fifteen</b> <b>Twenty</b>	Find five socks in your home and put them in order from shortest to longest.	Search through your home and find at least ten rectangles.	Megan baked cookies with her mom. She made 6 chocolate chip cookies and 6 sugar cookies. How many cookies did they bake in all?	Use objects to make a set. Now, make a set that has one more and a set that has one less.
Go outside and describe what you see. Use the words below, in front of, and next to.	Find 14 shoes in your home and sort them. How did you sort them? Can you sort them a different way?	How many wheels are on the bikes and cars at your house?	Brianna had 10 flowers in her garden. A rabbit ate 3 flowers. How many flowers does she have left?	Draw a group of cars that is one less than 12.	Solve using a picture or objects.  $10 - 4 = \underline{\quad}$ $10 - 6 = \underline{\quad}$	Review any skill (s) that you struggled with!
Practice writing numbers 1-30 either in the sand at the beach or with soap in the bathtub.	Go with an adult to the store. Pay and receive the change. Count your change.	Play a card game. For example, Crazy Eights or Go Fish.	With chalk, make a repeating pattern design on a sidewalk or driveway near you. Ask an adult first.	Count to 100 by 1s while taking a walk outside (or wherever).	Swing or jump 100 times.	Count and tally all the windows in your house.
Count by 5s to 100. Count by 2s to 20. Count by 10s to 100.	Sophia had 10 pencils. She gave 5 pencils to her friends. How many pencils does Sophia have left?	Count the number of doors in your house. Count the number of windows. Which amount is greater? Write a number sentence using $<$ , $>$ , $=$ .	Make a picture using circles, triangles, and rectangles. How many did you use of each? Which one did you use the least of?	Count the number of stairs as you walk up. Then try counting back as you go downstairs.	Ask an adult to give you a handful of nickels, and then count them. Remember to count by 5s.	Look through newspapers and magazines for pictures of things with shapes. Cut them out and sort them by shape, then glue them onto pages to make a shape book.
Find some three dimensional objects that are in the shape of a cylinder.	 <h1>Welcome Back!</h1> <p>Bring your signed calendar back to your teacher!</p>					