

Name: _____

Students Entering Grade 2 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 calendar 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. **First in Math will be available to students until August 15, 2016.** Please continue with www.firstinmath.com all summer long!

Susan Smith, Principal

June 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Create an AABB pattern and draw it to show 4 units of this pattern.	Draw an array (picture) to represent $3 + 3 + 3 = 9$	What is the rule? 1 , 3 , 5 , 7 , 9	What is the pattern for these numbers? 4, 9, 14, 19, 24 What are the next 3 numbers?	Solve: 17-10 16-10 15-10 14-10 13-10 12-10 11-10 What clues help you?	Pretend that you go to the carnival and arrive at 2:30. You leave at 5:30. How long did you stay at the carnival?	Jake has twenty five cents. He buys a pencil for 18 cents. How much money does he have left?
Make a calendar for this week. Record the temperature each day. At the end of this week, compare your weather with the weather in Florida. What do you notice?	What is the pattern for these numbers? 67, 69, 71, 73, 75 What are the next 3 numbers?	Add: $9 + 4 + 10 =$ $5 + 6 + 5 =$ Write a number sentence using $<$, $>$ = with the sums.	Write all the odd numbers between 20 and 40. How many numbers did you record?	Make a quart of lemonade. How many cups of water do you need? How many tablespoons of mix do you need to make it sweet enough?	There are 15 people in line to ride the Zipper. There are 12 people in line to ride the Ferris Wheel. How many more people are in line for the Ferris Wheel?	Solve: 6+6 7+7 8+8 9+9 10+10 11+11 12 +12 What clues help you?
What place is the 5 in for each number? 945 459 549	Write the number 639 in expanded form.	Grab a handful of coins. Count the total and record that total using the \$ sign.	If you see 8 people, how many eyes can you see? If there are 30 toes under the table, how many people are sitting at the table?	Skip count backwards by twos: 76, 74, _____, _____, _____		

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July 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 <h2 style="text-align: center;">Happy 4th of July!</h2>					Draw a clock face with numbers 1-12. Show 4:30 on the clock. Draw a picture of what you can do at that time.	Find the sums: $46 + 30 = \underline{\quad}$ $20 + 84 = \underline{\quad}$
Solve: 5+5 4+6 3+7 2+8 1+9 0+10 What clues help you?	Draw a picture of a person using: 1 circle 1 square 4 rectangles	Timmy is in line to buy movie tickets. There are 14 people in front of him. What is his position in line?	How many faces, edges and vertices are on a triangular prism?	Tell an adult an addition story problem to go with 4+8. Now tell a subtraction story problem for 12-4.	Use a ruler to draw a line that is 5 inches long. Find 3 things in your house that measure 5 inches.	Start at one spot and jump 3 times: Once like a bunny, once like a frog and once like a child. Which was the longest? Which was the shortest? What is the difference?
<i>Play How Many Am I Hiding?</i> Get 7 pennies. Put some in 1 hand and some in the other hand. Hide 1 hand and have an adult figure out what's hiding. Switch roles. Play 10x's.	Make an AABC pattern with shapes. Now show that pattern with numbers. Now show it with words.	A small pack of gum has 5 pieces. How many pieces of gum are in 3 packs? What about in 5 packs? In 7 packs?	Make a 3-D shape using mini marshmallows and toothpicks. How many corners does your shape have? How many edges?	What is the pattern for these numbers? 66, 64, 62, 60, 58 What are the next three numbers?	What is the value of the 4 in each number? 489 894 948 140	Listen to the whole string of numbers before answering: I had 4 shells. I got 2 more. I got 3 more. I lost 2. How many do I have?
Draw a clock face with the numbers 1-12. Show 2:45 on the clock. What time will it be with 15 more minutes?	Add: 7+1= 8+1= 9+1= 10+1= 11+1= 12+1= What clues help you solve these problems?	Skip count by two's: Start with 46 and go to 100. How many numbers did you say?	Play <i>Concentration</i> on the web (NCTM) <i>Level 1-6</i> <i>Level 1-10</i> <i>Level □ Δ O</i> Play 6 games for each level.	Write all the even numbers between 71 and 91. How many numbers did you write?	The three numbers in my fact family are 7, 3, and 10. Write the 2 addition and 2 subtraction sentences using these numbers.	Ask someone at home to time how long you can hop on your right foot. Then do the same on your left. Which foot could you hop on longer? How much longer?
What is the pattern for these numbers? 95, 90, 85, 80, 75 What are the next 3 numbers?	Skip count backwards by tens: 90, 80, __, __, __	What number comes between 149 and 151?	Count backwards from 35 to 0. Count backwards by 10's from 80 to 0. Count backwards by 5's from 40 to 0.	Ask 10 people today, what you like better: Rita's water ice or ice cream. Create a pictograph to show the data.	Get a pile of coins; show all the ways to make 15 cents. How do you know you have them all?	What place is the 9 in for each number? 169 916 619
Write the number in standard form: $800 + 40 + 6$						

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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?	Sort the laundry into categories (by owner, by size, by color, by item type). What do you observe about the piles?	Your soccer game starts at 5:00. It lasts for 1 hour and 30 minutes. Record the time the game is over.	Add: $0+9=$ $0+10=$ $0+11=$ $0+12=$ $0+13=$ What clues help you to solve for the answers?	Skip Count by fives: 36, 41, __, __, __	What number comes after 16? What number comes before 30? What numbers comes before and after 57?
How long does the traffic light stay green? Red? How could you measure this? How much longer is 1 light than the other?	Samantha is in line to buy Phillies tickets. There are 26 people in front of her. What is her position in line?	I have a machine that adds 5 to every number I put in. If I put in 4, what comes out? If I put in 16, what comes out?	Write a number that is greater than 108. Write a number that is less than 108.	Find the differences: $80 - 20 =$ __ $50 - 30 =$ __ $40 - 10 =$ __ $70 - 20 =$ __	Use the number 118. Write the number that comes before and after that number. __, 118, __	Skip count backwards by fives: 85, 80, __, __, __
Count how many toes in your family. Count the number of ears in your family. Write a number sentence comparing the totals (<, >, =)	Tommy has 20 dinosaur stickers. He gives 12 stickers to his friends. How many stickers does Tommy have left?	How many ways can you make 25 cents using pennies, nickels, dimes and quarters?	Count by 5s from 15 to 100. Count by 10s from 50 to 150. Count by 3s to 30.	What pattern do you notice? $10+2$ $10+3$ $10+4$ $10+5$ $10+6$	Play a card game. For example, Crazy Eights or Go Fish.	Count backwards from 50 to 0. Count backwards by 10s from 100 to 0. Count backwards by 5s from 80 to 0.
Count by 5s from 25 to 110. Count by 10s from 80 to 200. Count by 3s to 30.	Ask an adult for the coins in their wallet and count how much they have	Find three objects in the house that measure less than a foot. Measure them in inches and then in centimeters.	How many books do you have? First, make an estimate. Then count them. How close was your estimate?	Count by 2s to 30 and then start at 20 and count backwards by 2s to zero.	Fold a napkin. Fold paper towels or napkins into large and small fractions. Start with halves, then move to quarters, and then eighths. Use magic markers to label the fractions.	Plan and shop for a meal. Look at a grocery circular from the newspaper. Your budget is \$30.00, what will you buy for dinner? Use a calculator if needed.
Use a tape measure or ruler to record the heights of everyone in your family in inches and centimeters.	<h1>Welcome Back!</h1> <p>Bring your signed calendar back to your teacher!</p> 					