



Entering Grade III 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.
- Children should continue to practice their “math facts” over the summer months. There are several websites and other suggestions below for ways to practice. Remember *fluency with facts* is the goal, not just memorization. Please put a **check mark** on each day that you practice.

100 is the answer. What could the question be? Challenge yourself to think of more questions.	Start at 3 and write all the numbers from 1-150, counting by 3's. What patterns do you see?	Play a strategy game like Othello or Checkers. What kind of strategies did you use? Did they work? Will you try a different strategy next time you play?	Plant some seeds. Will they grow to be about 12 inches or 12 feet? How do you know?	Ask an adult to teach you a card trick, or look one up online. Practice the trick and try it out on a friend.
Look at clock. What time is it? How many minutes until the next hour?	<p>Play Close to 100. <i>Directions are in folder.</i> Do you have any strategies for playing this game?</p> 	<p>I have 7 marbles. I want 19 marbles. What do I need to do?</p> <p>I have 13 apples, but I only want 5. What do I need to do?</p>	<p>Play + 9 -9 Bingo</p> 	Look in your refrigerator. Categorize the items as dairy, fruit, vegetable, meat, grains, fats, and other. Make a tally chart.
Write 5 ways to make 30 cents. Draw the coins to show your thinking and write number sentences.	How many times can you hop on your left foot in a minute? Your right foot? Compare the number of hops using the symbols $<$, $>$, $=$. What's the difference? Test other people in your family!	<p>Write down ten numbers between 11-99. Subtract 10 from each number. Write the equations.</p> <p>Write down ten numbers between 110 and 199. Subtract 10 from each number. Write equations.</p>	How many different ways can you cut a sandwich into fourths? Try it with real or paper sandwiches.	<p>Play Close to 100 <i>Directions in folder.</i></p> 
What day of the week is it? What is the date? What was the day and the date 2 days ago? What will tomorrow's day and date be? What day and date will it be in 1 week? 2 weeks? 4 weeks?	<p>Capture 5 (different game boards) <i>Directions in</i></p>  <p>Folder</p>	Add the ages of all the people who live in your house. What is the sum? Write an equation.	Find 5 ways to make \$1.00 using quarters, dimes, nickels, and pennies. Draw pictures of the coins and equations to match.	<p>Count all the books in your room!!</p> <p>Can you count all the books in your house? Is there a way to make a good estimate?</p>
<p>Play Close to 100 - Directions in folder. QR code above. <i>How does playing this game help you get better at addition and subtraction?</i></p>	Practice counting forward and backward by 2's, 5's, and 10's from ANY number. Can you do it while patting your head and rubbing your tummy?	Make a rectangular prism using toothpicks and mini marshmallows. What other 3-D shapes can you make? Can you draw them?	Today's Number is 125. Write as many ways to make 125 as you can. Use addition and subtraction.	What is the temperature today? How far is it from 100F degrees? How far is from 32F degrees?



Entering Grade III

Summer Math Calendar: AUGUST

Practice your addition and subtraction facts at least 3 times a week.

Make piles of “facts I know” and “facts I am working on.”

How many days until your birthday?	Find 20 coins in your house. How much are they worth? Is it more or less than \$3.00. How much more or less?	Write the numbers below in “expanded form”--by place value. e.g. $538 = 500 + 30 + 8$ 729 846 295	Palindromes are numbers that are the same forward and backwards. (example: 121) How many can you think of? Can you find some in real life?	Play Collect \$1.00 <i>Directions found in folder.</i> 
Flip a coin 10 times and record your results. Flip the coin another 10 times. Compare the results. What do you notice? What do you think might happen if you flip the coin another 10 times. Try it!	Play Spend \$1.00 	$15 + 6 = 13 + \underline{\quad}$ $\underline{\quad} + 8 = 17 + 10$ $14 + 23 = \underline{\quad} + 21$ Write these problems in your math journal. Explain how you got the answers.	If you start playing a game at 8 a.m. and play for 1 and a half hours, what time is it when you are done? How do you know?	Create a survey for Favorite Day of the Week. Ask at least 20 people. Create a graph to show your results.
Estimate the number of people at a Revolution Soccer Game. Check your estimates. How close were you? How about a Red Sox game?	What are the ages of each person in your house. Add 10 to each person's age. Now add the new ages together. What is the sum?	A can has the shape of a cylinder. Find and write down things in your house and outside that have the shape of a cylinder.	Use a grocery store flyer to plan a breakfast. List all the items you need and record the price of each item. How much will breakfast cost.	Do a sudoku puzzle in the newspaper or online.
Play Addition or Subtraction Tic Tac Toe. <i>Directions in your folder</i>	What are three ways you can estimate what time it is other than using a clock? Use one way and estimate the time, how close are you?	Set the table for dinner. Find the total number of plates, glasses, forks, knives, and spoons. Write an equation to show how you figured the total out.	Estimate how long it will take you to do 100 jumping jacks. Did it take more or less than 5 minutes. Record your time and compare it with a friend's.	Write down the years people who live with you were born. Put them in order from least to greatest.
Capture 5 (different game boards) <i>Directions in Folder</i>	Find something symmetrical inside your house and outside your house. Draw all the lines of symmetry.	The answer is 130. What is the question?	How many days until school starts? How many days of summer have you had?	How many hours until the first day of school?