Grade 3 Math Month Calendar

Create your own math month calendar by placing these 30 parent/child activities on a calendar for the current year. Send the calendar home so parents and children can explore math together throughout the month.

1 Roll 2 dice to make a multiplication fact (e.g., roll a 3 and 5 and make 3x5=15). Draw an array to show the fact.	2 Interview a family member to see how they use math during the day.	3 Show $\frac{1}{4}$ with at least 4 different models/pictures.	4 Which has more tires: 9 tricycles or 6 cars? How do you know?	5 About how many hours do you sleep each night? About how many hours do you sleep in a week?	6 Would you rather have $\frac{1}{4}$ or $\frac{1}{2}$ of a brownie? Explain. Would you rather have 2/6 or 5/6 of a brownie? Explain.	7 Farmer Jones has pigs and chickens. How many of each could he have if there are 28 legs?
8 Measure the height of each family member in inches. What is the difference in height between the tallest and shortest members of your family?	9 Count out 36 pieces of cereal. How could you share the 36 pieces fairly? How many people would get some? How many pieces would each person get?	10 Estimate the number of cups it takes to fill a container with water. Try it. Can you estimate how many $\frac{1}{2}$ cups it will take? Will it be more or less? Why?	11 Find 5 items in your house and measure them to the nearest half or fourth of an inch. Order them from shortest to longest.	12 Think of a story problem you could solve with this equation: 5 x 6 = __. Tell the answer.	13 Look through a magazine or newspaper for numbers. Can you find any even numbers that are greater than 500 but less than 1,000?	14 Play a game of Multiplication War. For each turn, each player flips over 2 cards and finds the product. The greater product wins the cards.
15 Survey some people to find out which sport they prefer: basketball, football, soccer, baseball. Make a bar graph to show the results.	16 If you cut 2 granola bars into fourths, how many fourths would you have? Let an adult help you try it to check your thinking.	17 Could 6 coins equal 65 cents? If so, what would the 6 coins be? Make a similar coin puzzle and see if someone can solve it.	18 Roll 4 dice to build a four-digit number. Have a partner roll 4 dice to build a number. Who rolled the greater number? How do you know?	19 If you saw 30 tires, how many cars and how many motorcycles could there be? Share some different possibilities.	20 Roll 3 dice to build a three-digit number (e.g., 2, 4, and 6 is 246). Tell what is 10 more than that number. Tell what is 100 more.	21 Put 8 pennies in a cup. Spill them out and count how many are heads up. What fraction of your pennies is heads up?
22 Roll 2 dice. Multiply to find the product. Is the product odd or even? How do you know?	23 What fractions mean the same as $\frac{1}{2}$? How can you tell if a fraction is equivalent to $\frac{1}{2}$?	24 Write 5 equations in which the answer is 24.	25 Find 2 books. What is the difference in the number of pages in those books?	26 Write a story problem you could solve with this equation: 35 ÷ 7 = __. Tell the answer.	27 What time is it right now? What time will it be in 20 minutes? What time will it be in 12 minutes?	28 Measure 2 objects in centimeters. How much longer is one than the other? How do you know?
29 Write 5 things you did today. Show the time you did each one with digital and analog times.	30 Colin had 9 nickels and 8 dimes. How much money did he have?					