Daily Summer Math Activities Calendar for MPS (July)

1. Blow a marble, a bottle cap, and a pencil across a table or the floor. Measure how far they go. Which goes the farthest? By how much?	**2.** Count by 2s to 50 starting at 12. Count by 10s to 64, starting at 4. What did you notice about the numbers you say?	**3.** Ask someone at home to time how long you can hop on your right foot, then your left. Which foot could you hop on longer? How much longer?	**4.** How many different ways can you use pennies, nickels and dimes to make 25 cents; to make 50 cents. Record all the ways.	**5.** Make dots to match the numbers 1 - 10. Use the dots from your favorite number and turn it into a picture.	**6.** Create an addition number story. Create a subtraction number story.	**7.** Find an adult's shoe. Measure the length in inches and centimeters. Record.
8. Do a yes/no survey asking friends and relatives "Do you like the rain?" Circle which side has the most.	**9.** Solve. I had 4 shells. I got 2 more. I got 3 more. I lost 2. How many shells do I have? Record and explain your thinking.	**10.** Count backwards from 30 to 0. Count backwards by 10s from 80 to 0. Count backwards by 5s from 40 to 0.	**11.** Sort the laundry into categories (by owner, by size, by color, by item type) What do you observe about the piles?	**12.** How many books do you have? First, make an estimate. Then count them. How close was your estimate?	**13.** What number comes after 27? What number comes before 50? Make up your own "what comes after, what comes before and ask a friend or relative to solve your problem.	**14.** 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 15, what comes out? Record.
15. If you see 8 people, how many eyes would you see? If there are 30 toes under the table, how many people are sitting at the table? Record and explain.	**16.** Roll 2 dice. Add the two digits to find a sum. Do this 20 times. What sum did you get the most often?	**17.** Cut out a picture from a flier or old magazine. Glue to a blank paper. Write a math story problem for the picture.	**18.** Grab a handful of coins. Sort them and find the value.	**19.** How long does the traffic light stay green? Red? How could you measure this? How much longer is 1 light than the other?	**20.** 0+1 1+1 2+1 3+1 4+1 and 19+1 What patterns do you see? Why?	**21.** Play a board game.
22. Jump 3 times; once like a bunny, once like a frog, and once like a child. Measure each jump. Which was the longest? Shortest? What is the difference?	**23.** I am 7 years old and my sister is 14. Who is younger? How much younger? I have 16 stickers and my sister has 9. Who has more? How many more?	**24.** Make a tally chart of the number of fruits and vegetables you ate today at your meals and for snacks. Did you eat 5 servings? Try again tomorrow.	**25.** Hiding game: Get 7 pennies. Put some in 1 hand and some in the other hand. Show 1 hand and have an adult figure out how many are in that hand. Switch roles. Play 10 times.	**26.** Get a pile of coins. Show all the ways to make 15 cents. How do you know you have them all?	**27.** Use these numbers in a story problem: 18, 9, 9. Write you own problem for a friend or relative to solve.	**28.** Play a game. **Connect Four** or **Dominoes**