

Think Summer, Fun, and Math!

August 2017 Entering Kindergarten

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Math is all around us. Seize every moment.</p> <p>Counting: Create a counting kit for your child. Include small objects such as buttons, coins, dried macaroni, and any other small objects you have around the house</p>			<p>Sorting: Ask children to sort objects by how they are alike and different. Look for ways to sort by color, shape, size, or other feature when playing with blocks, doing laundry, shopping, or setting the table.</p>		<p>Shapes: Recognizing shapes is a math skill related to geometry. Point out rectangles, squares, circles, stars, and other shapes in books, street signs, or when cooking.</p> <p>Patterns: Patterns are things that repeat. Pattern recognition is a foundation for higher math. Singing songs, repeating nursery rhymes, and stringing beads or blocks in simple patterns, such as blue-red, blue-red, build pattern recognition.</p>	
		1 Count the number of cans in your cabinet. Sort them by category. Draw a picture of the cans you have the fewest of.	2 Clap in rhythm and patterns. Clap 3 times, then pat your legs. Do it again! Clap 3 times, then pause a beat, then clap 2 times. Do it again. Count while you clap.	3 Grab a handful of coins. Sort them. Can you name each type of coin? Find or draw a picture of something you could buy with that amount of money.	4 Tell what you did today in order. "First, I got dressed. Second, I went to the beach. Third, I had lunch, etc."	5 Make a guess. How long do you think it will take to get dressed? Have an adult time you as you get dressed. How close was your answer?
6 Look for the different shapes of traffic signs. Can you find a square, triangle, and rectangles on the road today?	7 Ask your child to estimate how many spoonfuls it will take to finish their cereal. Count each spoonful as they eat.	8 Draw what you were doing at 2 different times today when the minute hand of the clock was on the "12".	9 Name five different places you see numbers outside - on street signs, stores, or license plates. Draw one of the items and circle the number.	10 Count how many steps it is from your room to the kitchen and the kitchen to the living room. Which is closer? Which is farther?	11 Find out the age of your family members and arrange the ages from youngest to oldest.	12 Count the number of stairs in your house or the number of steps from your car to the store.
13 Find five things in your house that come in pairs. 	14 Make dots to match the numbers 1-10. Put five dots on a paper and make it into a picture.	15 Make a "911" and/or "My Telephone Number" sign and hang it near a phone.	16 Play "Guess my Number". Use clue words: "more than" and "fewer than".	17 Predict how many spoonfuls it will take to finish your cereal. Count each spoonful as you eat.	18 Grab a handful of cereal and estimate how many pieces you have. Now count them.	19 Go around the house and count the windows and doors. Are there more windows or doors? Draw the one with more.
20 How many red, blue, orange, and green things can you find in your kitchen? Write down the numbers.	21 Write the names of the people in your house. Count the letters in each and circle the name that has the most letters.	22 Look for numbers everywhere you go today like the numbers on street signs, storefronts, or license plates.	23 Skip count by 2's, 5's and 10's to 100. Ask someone to time you and write down your best time.	24 Count how many times you can jump on two feet for one minute.	25 Look inside a grocery store flyer. Cut out the numbers 1 – 20 and paste them in order on a sheet of paper.	26 Draw a picture of the license plate of your car. Circle the largest number on the license plate.
27 Name all the people that live with you. How many are there?	28 See how many places you can find triangles today?	29 Practice your phone number today. Say it and write it.	30 Go on a Shape Hunt Look for items shaped like a square, rectangle and circle in your house. Draw the items.	31 Find all of your own shoes. Count how many you have? How many are just for summer? How many are just for the winter?		

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July 2017 Entering Kindergarten

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<p>Dear Families, This calendar is meant to provide a variety of different activities for the summer to help get you and your child start thinking about math. Do as many of the activities as you can. Do them in any order. Help your child with the activities and change them to suit your family's needs. Cross out each activity as you complete them. Bring your calendar to your child's teacher at the beginning of the school year to share all that you have been doing this summer. Enjoy a summer full of math.</p>						<p>1 Do a yes/no survey asking the people in your house, "Do you like the rain?" Circle which side has the most answers.</p>
<p>2 Find a small jar of pennies, buttons, pasta, or candy. Now try counting them as you put them back. How many did you count?</p>	<p>3 Draw a circle in the middle of the paper; now change the circle into a picture.</p>	<p>4 Make a survey of people in your house about what their favorite season is. Draw the season of the one with the most answers.</p>	<p>5 Create a pattern using the shoes in your house. Draw a picture of your pattern.</p> 	<p>6 Count the number of steps it takes you to get from your front door to the refrigerator. Draw that many footprints.</p>	<p>7 Fill five cups with different amounts of water. Put them in order from the smallest amount to the largest. Shuffle the cups and see if you can order them from largest to smallest.</p>	<p>8 Count all the chairs in your house. Count all the tables in your house. Count all of the beds in your house. Which do you have more of?</p>
<p>9 Set the table for dinner. Count the plates, cups, spoons, knives and forks.</p> 	<p>10 Create a hopscotch pattern outside and play with a friend.</p>	<p>11 Look at a calendar and count how many Mondays are in July and August. How many more days till the first day of school?</p>	<p>12 Create a pattern necklace using different types of macaroni or cereal.</p> 	<p>13 Create a border picture frame and draw a picture of yourself. Give your picture to someone special. Describe the pattern in the border to that person.</p>	<p>14 Draw a picture of your family from shortest to tallest and label each one.</p>	<p>15 On a piece of paper or chalkboard, practice writing the numbers from one to ten.</p>
<p>16 If your parents have a coin jar, ask them if you can dump it out and sort the coins by color or by size. (Buttons, crayons, or any multi-colored objects will work.)</p>	<p>17 Practice saying your telephone number and your address.</p>	<p>18 Using a pencil, measure how high your bed is. Draw that many pencils.</p> 	<p>19 Create a number book from 0-10. On each page, draw an item to match the number.</p> 	<p>20 Continue your number book from 11-20.</p>	<p>21 Count aloud as you jump from your bed to the bathroom. Now skip back to your room.</p> 	<p>22 Play store today. Gather a group of objects. Give each a price. Write the price on a piece of paper. Pretend to purchase a few items.</p>
<p>23 Count all the lamps or lights in your home. Which room had the most lights? Which room had the least?</p>	<p>25 Find five things in your house that are as tall as you are.</p>	<p>25 Take a cookie today and divide it into half. Can you divide some pretzels, grapes, or some other food into halves?</p>	<p>26 Help out today. Help match the socks from the laundry. A matching pair of socks is the same color and size.</p>	<p>27 How high can you count? Practice counting coins, buttons, cereal, or anything else you can find.</p>	<p>28 Draw a picture of your home. Use a square for the house, a circle for the sun, and a triangle for the roof.</p>	<p>29 Pack up your math and reading calendars. Pack up your reading log. Bring these to your new kindergarten teacher.</p>
<p>30 Collect shoes from different family members. Match up the pairs. Sort them into different groups.</p>	<p>31 Plan the game ISPY with shapes. (example: I SPY something that is round and has 2 hands)</p>					