



August 2017 Entering Pre-Kindergarten Mathematics Calendar



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Try these Websites: www.funbrain.com www.aplusmath.com www.mathplayground.com www.coolmath4kids.com www.aaamath.com www.mathfactcafe.com Melrose Public Schools: www.melroseschools.com</p>		<p>1 Use popsicle sticks, pipe cleaners, clay/play dough etc. to create 2-D & 3-D shapes, square, box/cube, circle/sphere, tube/cylinder, triangle, rectangle, and a diamond. Take a picture if you can.</p>	<p>2 Count how many steps it takes to get from one room in your home to another room. Record the room names and number of steps.</p>	<p>3 Jump up and down 10 times. Choose another number. Jump for each number</p>  <p>you say.</p>	<p>4 Look at some coins and dollars. Tell an adult one thing you would spend the coins and dollars on. Record your ideas.</p>	<p>5 Count each spoonful of cereal as you eat your breakfast. Record how many bites it took to finish your breakfast.</p> 
<p>6 Hold up some of your fingers. Have an adult or sibling hold up some fingers. Are you holding up more/less/or an equal amount than your adult or sibling? Record your thinking.</p>	<p>7 Take a numbers walk in your neighborhood. Look for numbers.</p> 	<p>8 Practice counting 5 objects that are scattered and 5 objects that are in a line. Which are easier to count? Why? Have an adult or sibling record your thinking.</p>	<p>9 Go on a “shape walk.” Find as many squares, circles, triangles and rectangles you can around your house and yard. Have an adult record one place you found a shape.</p>	<p>10 Play “I Spy,” using terms beside, inside, next to, close to, above, below, apart. One player names an object and asks the other player to name the object and another object in relation to it.</p>	<p>11 Tell an adult in your home about something that is longer/shorter, same length, heavier/lighter, same weight, holds more/less/same.</p>	<p>12 Think of a food or object that is in the shape of a cube, sphere, or cylinder. Tell your sibling or an adult and have them record your thinking.</p>
<p>13 Take a walk in your neighborhood. Count the trees as you walk. Count the parked cars.</p>	<p>14 Before you eat your snack today, count how many you have? Eat one. How many do you have now?</p>	<p>15 Use sidewalk chalk to create a hopscotch course. Play. Count as you land on the numbers.</p>	<p>16 Take a walk around your house. How many red objects can you find in your house?</p>	<p>17 Have an adult count how many times can you jump on one foot? Two feet?</p>	<p>18 Look at a penny, nickel, dime, and quarter. Describe each coin to an adult or sibling.</p>	<p>19 Tell a family member or friend how you use math everyday. Draw a picture of you using math.</p>
<p>20 Draw a picture of your family from shortest to tallest.</p>	<p>21 Read one of the cool mathematics books from the August Calendar.</p>	<p>22 Play a board game.</p>	<p>23 Name all of the colors in your sneakers. How many colors are in your sneakers?</p>	<p>24 Draw 2 different sized circles. Color the biggest circle red and the littlest circle green.</p>	<p>25 Make a picture using 2 circles, 3 triangles, & some rectangles. Explain to a friend how you made it.</p>	<p>26 When you have lunch today describe what you are eating. Use words to describe the shape, weight, and size of your food.</p> 
<p>27 Use sidewalk chalk to make different shapes.</p>	<p>28 Name all of the colors you are wearing today.</p>	<p>29 Take a square walk. Look for items shaped like a square. What are they?</p>	<p>30 Take a green walk. Name all of the things that you see that are green.</p>	<p>31 Grab a handful of cereal. Count how many pieces of cereal in your handful.</p>		

Student's Name: _____ Parent's Signature: _____



July 2017 Entering Pre-Kindergarten Mathematics Calendar



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Dear Families, On this calendar are activities to extend math learning all summer. You can choose which activities you'd like to complete on which day. We encourage your child to complete 20 math boxes each month. After completing a box, color it in. When school starts again in August, return your calendar to your child's new teacher. Adapt the activities to meet the level of your child. For example, if your child can't write the numbers yet, record for them. Enjoy a summer full of math Try these Games this Summer: Checkers, Memory, Chutes and Ladders, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Candy Land, Connect Four, Sorry, Uno, Battleship, Trouble, Legos, K'Nex.</p>						<p>1 Write your first & last name. Count how many letters are in each? Have an adult or sibling record your answer.</p>
<p>2 Have an adult time you for a minute. How many times can you jump up and down in one minute?</p>	<p>3 Pick two objects in your house. Describe them using math vocabulary words such as long, short, tall, heavy, light, big, small, wide, narrow.</p>	<p>4 Use this calendar and count how many Mondays in August. Have an adult record your answer.</p>	<p>5 Sort socks while helping with laundry. Match socks by color and by size and put pairs together. Count how many pairs of each color and size</p>	<p>6 Start with 5 piece of food at snack time (cereal, pasta, beans, chips, fruit, vegetables etc.) Eat 2. How many do you have left? Have an adult record your answer.</p>	<p>7 Jump 3 times on your left foot and 5 times on your right foot. Which foot did you jump more times on? Have an adult record your answer.</p>	<p>8 Find 2 small objects (beans, blocks, crayons, cereal etc.) Put them on the table. Now find 3 more small objects. Put them on the table. How many objects do you have in all?. Have an adult record your answer.</p>
<p>9 Hold a "Measurement Scavenger Hunt," in which you use your body to measure things around the house or yard. Find things that are as tall, as long as you, etc.</p>	<p>10 Count the number of teeth in your mouth when you brush your teeth. </p>	<p>11 When you are in the car today, look for numbers as you are driving. Say the numbers as you see them.</p>	<p>12 Draw a picture of your family. Who is the tallest? Who is the smallest? Who is the oldest? Who is the youngest?</p>	<p>13 Start a summer collection! Find some rocks, shells, leaves, or other objects you like. Find ways to categorize them. Have an adult or sibling record your thinking.</p>	<p>14 Take a look in your closet or drawers. How many blue items can you find? </p>	<p>15 Take a shape walk. Look for shapes. Say the name of the shape and trace the shape with your finger.</p>
<p>16 Take a circle walk. Look for objects that are shaped like a circle.</p>	<p>17 Go around the house and count the windows and doors. Are there more windows or doors? Draw the one with more.</p>	<p>18 Count the number of stairs in your house or the number of steps from your car to your front door.</p>	<p>19 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>20 Weigh a piece of fruit at the grocery store using the scale. Weigh a different fruit. Which weighed more?</p>	<p>21 Go on a number scavenger hunt. Look for the numbers 1-10 in a magazine or newspaper. Point to each number and say it as you find it.</p>	<p>22 Draw a circle in the middle of the paper; now change the circle into a picture.</p>
<p>23 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>24 Using a pencil, measure how high your bed is. Draw that many pencils.</p>	<p>25 Count aloud as you jump from your bed to the bathroom. Now skip back to your room.</p>	<p>26 Take a yellow walk around your house. Look for all of the items that are yellow.</p>	<p>27 Create a hopscotch pattern outside and play with a friend. </p>	<p>28 Use sidewalk chalk to practice writing your numbers 1-5. Write other numbers you know.</p>	<p>29 Pack up your calendar in your backpack and bring it to school to your new teacher.</p>
<p>30 Clap your hands or snap your fingers for each birthday you had. Say the number to go along with each clap or snap.</p>	<p>31 Trace your foot on paper. Cut it out. Find something that is smaller, bigger and the same length as your foot. Record.</p>	<p>Cool Mathematics Books to Read this Summer: <u>Brown Bear, Brown Bear, What do you See?</u> & <u>Chick Chicka 1-2-3</u> by Bill Martin <u>Emeka's Gift</u> by Ifeoma Onyefulu</p>		<p><u>My Painted House</u>, <u>My Friendly Chicken</u>, and <u>Me</u> by Maya Angelou <u>Benny's Pennies</u> by Pat Brisson <u>Pattern Fish</u> by Trudy Harris <u>Inch by Inch</u> by Leo Leonni <u>Ten Flashing Fireflies</u> by Hilemon Sturges <u>The Greedy Triangle</u> by Marilyn Burns <u>A Chair for My Mother</u> by Vera B. William</p>		

