

Incoming Kindergarten Summer Math Challenge

Directions: Color each box upon completion

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Collect different kinds and sizes of objects such as: buttons, cereal, coins, pasta or beans. Create different patterns using the objects. Create a necklace using string with the pattern.</p>	<p>Start collecting pennies in a "Family Penny Jar." Practice counting them together on a weekly basis</p>	<p>Look for numbers when you are in the car, shopping, at a restaurant, or taking a walk. You will find numbers everywhere!</p>	<p>Guess how many raisins are in a mini-box, how many chips are in a cookie, or how many grapes are in a bunch. Then count to see if your estimate was correct.</p>	<p>When you walk up a flight of stairs, count them as you go. Count them again as you go down. Count the number of steps from the sidewalk to the front door.</p>	<p>Sing counting songs and rhymes, such as "One, Two, Buckle My Shoe" or "This Old Man" while waiting for a bus or going for a walk.</p>	<p>Liven up walks by hopping or skipping a certain number of times. Say a number and show it by using your fingers. Then do that many hops or skips.</p>
<p>Line up the shoes in your closet or a family members closet and count them.</p>	<p>When washing your hands, practice counting up to a high number</p>	<p>What's your favorite number? See how many times you can find the number in magazines, then cut out the numbers and use them to create a collage.</p>	<p>Practice getting to know your address and phone number, as well as your birthday.</p>	<p>Cut out pictures from newspapers and magazines that show triangles, circles, squares and rectangles.</p>	<p>Read a picture book together and talk about the shapes you see in it.</p>	<p>Look through newspapers and magazines for pictures of different geometric shapes. Cut them out and glue them onto pages to make your own shape book.</p>
<p>While at the supermarket, look at the aisle numbers as you shop, look for other numbers in the store, such as prices, and sizes of items. Discuss what the numbers mean.</p>	<p>Help to clean a room by sorting toys, clothes, and books.</p>	<p>Take this opportunity to cook or bake with your child. Read a recipe and measure the ingredients together. Have fun!</p>	<p>Together, count the number of floors in a building, cars in a passing train, cars lined up at a traffic light, ball bounces, and jump rope turns, and so on.</p>	<p>At the playground, count the number of steps on a slide ladder, the number of rungs on the monkey bars, and the number of baby, and big-kid swings.</p>	<p>Play math educational games on the computer: www.kidsnumbers.com www.coolmath4kids.com www.fun-brain.com</p>	<p>Use numbers and counts as you play hopscotch and sing jump-rope counting rhymes</p>
<p>While at the beach, make footprint or handprint patterns in the sand. Then ask a friend or family member to continue the pattern</p>	<p>Create a pattern as you walk together: Step, Step, Hop; Step, Step, Hop; Step, Step Hop...</p>	<p>Create a book of shapes, patterns or numbers.</p>	<p>Play a game to reinforce math concepts such as: <u>Chutes & Ladders</u> <u>Hi Ho! Cherry O</u> <u>Trouble</u> <u>Jigsaw Puzzles</u> <u>Memory</u></p>	<p>Practice reading and writing numbers as well as recognizing and drawing shapes.</p>	<p>When playing outdoors, look for animals such as squirrels or birds. Make up a number story about them. Solve them together</p>	<p>Visit your local library or book store and read books that have mathematical concepts, such as: <u>Chicka Chicka 1.2.3</u> By Bill Martin Jr.</p>