




Summer Math Road Trip – Entering Kindergarten



Mathematics is everywhere and your home is full of opportunities to explore math with your child and build your child’s understanding of mathematical ideas. The activities below can be done in any order and are designed for you and your child to do together. When the activity is complete, a family member can initial on the lines in the box.



<p>Each day of summer vacation, have your child put an X on that day on a calendar. Talk about what day it is <i>today</i>, what day it was <i>yesterday</i>, and what day it will be <i>tomorrow</i>.</p> <p>_____</p>	<p>Keep a summer growth chart. Measure and record your child’s height every two weeks. Ask questions-“How tall were you at the beginning of the summer?” “How tall are you at the end of the summer?”</p> <p>_____</p>	<p>Help your child set the table for dinner. Ask: “How many plates do you need to put out?” “How many glasses?” “How many forks?”</p> <p>_____</p>	<p>Play with bubbles! Are the bubbles all the same size? Encourage your child to use words like <i>smaller</i>, <i>bigger</i>, <i>longer</i>, <i>larger</i>, <i>largest</i>, etc.</p> <p>_____</p>	<p>While you are on the go, have your child look for numbers: streets and buildings, phone numbers on trucks, route numbers and distances, license plates, etc.</p> <p>_____</p>
<p>Sort the laundry (by color, by size, by owner, or by item type). Talk with your child about the sorts. Ask questions such as: “Who has the most socks?” “Who has the least amount of T-shirts?”</p> <p>_____</p>	<p>Place number magnets on your refrigerator or on a safe, smooth surface. When you are working in the kitchen, ask your child to name the numbers she/he plays with and see if she/ he can match them to a correct number of objects.</p> <p>_____</p>	<p>Give your child plenty of containers in different sizes and shapes when you play in the sand or the water. As you scoop, dump, pour and fill up the cups together, ask your child to predict how many smaller cups will fill a larger. Use words such as smaller than, larger than.</p> <p>_____</p>	<p>Play an I-Spy game with your child. Use positional words such as – above, behind, in, on, in front of, below, between, top and bottom as clues to describe the item’s position.</p> <p>_____</p>	<p>Play a game such as Memory, Chutes and Ladders or Candyland. Talk together about the strategies you are using to play the games and the numbers that are used in the games.</p> <p>_____</p>
<p>Help your child collect 5 shells at the beach or stones from the backyard. Then put them in order from smallest to largest. Use words such as small, smaller, smallest, larger...</p> <p>_____</p>	<p>Give your child sidewalk chalk or paintbrushes with water. Let him or her draw or paint shapes or numbers on the sidewalk. (If your child is unsure-paint a number, then have your child trace over it.) Do the same activity in the sand at the beach.</p> <p>_____</p>	<p>Use household objects to create simple repeating patterns with your child. Have your child complete a pattern. She or he could make a new pattern for you to complete using M&Ms.</p> <p>_____</p>	<p>Free Space –Enjoy the Day</p> 	<p>Go on a Shape Hunt. Ask your child to find shapes in your home. Look for circles, squares, triangles, and rectangles. Look for the shapes at the grocery store or in a restaurant.</p> <p>_____</p>
<p>Help your child count the number of people that live in your house. How many eyes do they have altogether? How many fingers?</p> <p>_____</p>	<p>Take A Break!</p> 	<p>Follow a recipe with your child. Discuss the measuring terms: cup, tablespoon, etc. Let your child help measure the ingredients.</p> <p>_____</p>	<p>Let your child help prepare cold lemonade or iced tea for your family. Put the same number of ice cubes in each glass. How many ice cubes were used all together?</p> <p>_____</p>	<p>Look in your food storage. Find 5 boxes of different sizes in your kitchen (cereal, pasta). Line them up from tallest to shortest. Now, line them up from thickest to thinnest.</p> <p>_____</p>
<p>Take a cup of a colorful cereal such as Fruit Loops or Trix. Have your child sort the cereal and together you can count how many of each color there are.</p> <p>_____</p>	<p>Play a game of “War” with dice. Each player rolls one die, the player with the highest number of dots wins. Next, play the lowest number wins. Can you tell who wins without counting the number of dots? How?</p> <p>_____</p>	<p>As your child is building a structure with blocks or Legos, ask about the shapes they have made. Now separate the structure in 3 parts. How many blocks/Legos are in each part? Help to count them.</p> <p>_____</p>	<p>Play dominoes together. Make a pattern by matching the number of dots together, counting as you go.</p> <p>_____</p>	<p>You Did It!</p> 

First Name: _____ Last Name: _____ Class Code: K _____

--	--	--	--	--