

Incoming First Grade Summer Math Challenge

Directions: Color each box upon completion

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Collect a number of different types of objects, such as shells or rocks. Have your child sort them by shape, color or size.</p>	<p>Help your child plan and prepare a snack that includes common shapes. For example, use cheese slices for squares, grapes for ovals, etc...</p>	<p>Collect different kinds and sizes of objects such as: buttons, cereal, pasta or beans. Create different patterns using the objects.</p>	<p>Start collecting pennies in a "Family Penny Jar". Practice counting them together on a weekly basis</p>	<p>Encourage your child to figure out answers to real-life situations. "We have one can of soup, but we need five. How many more do we have to buy?"</p>	<p>Record family heights in inches on a door frame. Measure again periodically. You can also look for items around the house that are about the same height as each family member.</p>	<p>Help your child survey family members and friends about their favorite flavor of ice cream. Together, find a way to show the data, such as a tally chart, a bar graph, or a pictograph.</p>
<p>Recycling is good for the environment. Count the number of cans, plastic bottles, boxes and newspapers you collect for recycling in one week.</p>	<p>Practice counting forward to 100, and vary the starting number. Remember to practice counting back.</p>	<p>Look for different shapes throughout the grocery store: Cylinders (cans), Rectangular prisms (cereal boxes)...</p>	<p>Read prices, weights, aisle numbers, and other numbers posted throughout a store. Look for units or labels that tell whether the numbers are cents, pounds, or other types of numbers.</p>	<p>Cut out pictures from newspapers and magazines that show triangles, circles, squares and rectangles and other shapes.</p>	<p>Use your feet to measure a room in your house. Then have someone else measure the same room with their feet. Compare the measures and discuss the differences</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>Have a Treasure Hunt: Find 1 large item, 2 small items, 3 tall items, a small ball, a large ball, a thick book, a thin book.</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 while eating.</p>	<p>Together, make up addition and subtraction number stories. Solve them. Share solution strategies.</p>	<p>Make a timeline of your life. Include important events in your family's life. Use dates, pictures and objects.</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>	<p>Play math educational games on the computer: www.kidsnumbers.com www.coolmath4kids.com www.funbrain.com</p>	<p>Play some music and listen to the beat. Clap to the beat. Count as you are clapping.</p>
<p>Estimate how many objects or books are on a shelf, then count to see if your estimate was correct.</p>	<p>With your child take a look in each family member's closet and tally the different colors you see.</p>	<p>Have your child practice counting backward when you cook food in the microwave oven. Assist your child to set the time, then count down to 0.</p>	<p>Play a game that involves mathematical thinking, such as: <u>Chutes & Ladders</u> <u>Hi Ho! Cherry-O</u> <u>Trouble</u> <u>Connect Four</u> <u>Jigsaw Puzzles</u> <u>Memory</u></p>	<p>Invite your child to help sort the laundry, discuss the piles made. Have your child help you set the table. Discuss the number of people who will be eating, and so on...</p>	<p>Take this opportunity to cook or bake with your child. Read a recipe and measure the ingredients together. Have fun!</p>	<p>Count the steps needed to walk from the sidewalk to the front door. Count as you are walking up the steps.</p>

Child's Name _____ New Class _____ Parent's Signature _____