

## Keep this for every Home eLearning Day

### Home Math Activity Options – 1<sup>st</sup>-3<sup>rd</sup> Grade - Math is not just in school, it is all around us.

Choose from these activities and do at least as many as your grade level. Challenge yourself to improve your skills. Use a whole sheet of paper for each activity to draw and write about what you did. Explain in detail.

Measure the length and width of a room in your house. Figure out how many 12"x 12" tiles it would take to redo the floor. Now figure, how many tiles it would take if they were 8"x 8"? What if they were 24"x24"?

Make up and solve ten challenging math problems, use numbers in the thousands and include the number of the month, i.e. (4 in Nov)

	4444	4624	8449	2474	3579
+ or -	<u>2537</u>	<u>2537</u>	<u>2537</u>	OR $\times$ or $\div$ <u>4</u>	<u>4</u>

Get a one-cup measuring cup and clear plastic bottles of different sizes (milk, juice, salad dressing, pop, mayonnaise, etc, maybe check the recycling bin). Estimate how many cups will go into each container, then measure and pour to determine the actual count. Draw and label each bottle and number of cups.

Count all the windows in your house. How many curtain panels would you need to hang 2 at each window? How much would it cost to buy all new ones at \$10 each? Pick another price and find the cost.

Do a few math worksheets at your level.

Play 7-11-doubles. Dice game -Shake 2 dice, keep adding up what you shake. You can go as many times during your turn as you want, but if you shake a 7 or 11 it zeros out your turn and your turn is over. If you shake doubles you have to shake again. If you touch the dice to pass them, you have to shake again. When your turn is over, write your score down and add. First person to reach 200 wins.

Gather a jar of coins, when full, sort and count them. Write down how many of each coin and the total.

Measure the length and width of ten things in your house (tables, pictures, doors, TV, etc). Draw on your paper. Figure out the perimeter. For an extra challenge, figure out the areas.

Sort items by size, then take the same items and sort them by weight. Actually weigh and measure the items.

Draw your floor plan for one floor of your house. Pretend you're floating above and looking down on your house without the roof. Draw the outlines of each room. Add measurements.

Play Toss Up: Addition to 100 OR Multiplication to 500 - All you need to play is a deck of playing cards, paper and pencils. 1. Take turns drawing 3 cards from the pack and tossing them into the air. 2. Add (or multiply) the value of every card that lands face up (aces = 1, jacks = 11, queens = 12, and kings = 13.) Players earn those points. 3. The first player to reach goal points wins! Play a couple times. Remember to show your work.

Time the commercials in two TV shows. Which had more commercial minutes per half hour? The least? Figure the percentage if you can. Compute the average time spent on commercials in three hours.

Write the starting and ending time of five things you do today (i.e. eat breakfast, read a book, write an essay, play a game.) Find the lapsed time for each. Draw a graph of the different activities and times.

Find a Recipe for something you like, write it down. Compute the quantities to make half, double, or triple. Make it with an older helper, making sure you are measuring each ingredient. Write about it.

Make a graph to show the number of spoons, forks, and dinner knives in your kitchen. Write a word problem.