

Ways to Help at Home

Help students make the connection from classroom math concepts and processes to real-world problem solving."

	Numbers and Operations	Geometry and Measurement
Kindergarten	<ol style="list-style-type: none">1. Count to 30 or higher2. Understand more and less3. Count a set (up to 30) of objects.4. Use ordinal numbers first, second, third, fourth, fifth, last5. Use pennies, nickels, dimes and know their value6. Trade 10 pennies for a dime.	<ol style="list-style-type: none">1. Use comparative words in context:<ul style="list-style-type: none">• <i>More/less</i>• <i>Longer/shorter</i>• <i>Heavier/lighter/</i>• <i>A little more/a little less</i>• <i>Bigger/smaller</i>2. Describe location using terms:<ul style="list-style-type: none">• <i>Inside/outside</i>• <i>Under/over</i>• <i>Next to/near</i>• <i>In front of/in back of</i>• <i>Top/bottom</i>3. Use a calendar to find today's date and find yesterday and tomorrow,
Grade 1	<ol style="list-style-type: none">1. Count to 100 (and begin with any number) or higher (by 1, 5s, 10s)2. Use ordinal numbers first to tenth.3. Count combinations of coins. Start with pennies and dimes and then add nickels and quarters to a total of \$1.00.4. Find <i>half</i> of a set (to 20) of objects.5. Practice addition and subtraction facts with numbers up to 20.	<ol style="list-style-type: none">1. Tell time to the hour and half hour2. Know the days of the week in order and locate dates, days, weeks and months on a calendar. Use the information to plan events.3. Practice measuring using inches, cups and quarts.

<p>Grade 2</p>	<ol style="list-style-type: none"> 1. Read and compare 3-digit numbers 2. Know from memory the addition and subtraction facts for sums up to 18 3. Count combinations of coins (pennies, nickels, dimes, quarters and half dollars) 	<ol style="list-style-type: none"> 1. Tell time to the quarter-hour using both an analog and a digital clock. Use terms: <i>quarter to/quarter of/quarter after/quarter past.</i> 2. Tell time and the relationships of time, such as days in a month and hours in a day
<p>Grade 3</p>	<ol style="list-style-type: none"> 1. Read and compare 4-digit numbers 2. Use all four math operations: addition, subtraction, multiplication and division (tables: 1,2,3,4,5,10). 3. Calculate the cost of school lunch for the week 4. Determine change from \$5.00. 	<ol style="list-style-type: none"> 1. Tell time to the minute. 2. Tell time to the quarter-hour using both an analog and a digital clock. Use terms: <i>quarter to/quarter of/quarter after/quarter past.</i> 3. Solve problems involving elapsed time of 30, 60, or 90 minutes: <i>"It's 2:45. How much time has passed since 2:15?"</i>
<p>Grade 4</p>	<ol style="list-style-type: none"> 1. Read and compare 5-digit and 6-digit numbers 2. Estimate the cost of the groceries in your cart 3. Determine how long to save an allowance in order to buy a particular item 4. Recall math facts quickly 5. Using restaurant menus. plan a lunch for four for \$50.00 6. Estimate the total cost of dinner excluding tax and tip. 	<p>Create daily schedule involving elapsed time.</p> <p>Measure area/perimeter of floors and walls</p> <p>Using standard metric and customary units, measuring length, weight, capacity and temperature</p> <p>Convert measurements when necessary: yards to feet to inches; meters to centimeters, hours to days; days to weeks; minutes to hours</p> <p>Solve problems involving elapsed time.</p>