

## Everyday Math Alignment - Grade Three

Everyday Math Unit	Math Concepts	Exemplars Problems
Unit 1: Routines, Review and Assessment	<p>S - Know basic addition facts.</p> <p>D/S - Count by 10s and 100s.</p> <p>D/S - Apply place-value concepts in 4-digit numbers.</p> <p>D/S - Tell and show times to the nearest minute.</p> <p>D/S - Count combinations of bills and coins and write the total using dollars-and-cents notation.</p> <p>D/S - Find equivalent names for numbers.</p> <p>D - Identify and use number patterns to solve problems.</p>	<p>Another Domino Dilemma (CD 1);</p> <p>Busy Day (CD 1);</p> <p>Don't Let the Bedbugs Bite (CD 2);</p> <p>Getting Ready (CD 2);</p> <p>Quarter from the Tooth Fairy (CD 2)</p>
Unit 2: Adding and Subtracting Whole Numbers	<p>S - Know basic addition and subtraction facts.</p> <p>S - Complete fact and number families.</p> <p>S - Solve addition and subtraction multidigit number stories.</p> <p>S - Add multidigit numbers.</p> <p>S - Subtract multidigit numbers.</p> <p>D/S - Use basic facts to solve fact extensions.</p> <p>D/S - Complete "What's My Rule?" tables.</p> <p>D - Estimate answers to multidigit addition and subtraction problems.</p>	<p>What's the Problem? (CD 1);</p> <p>Ant in the Well (CD 1);</p> <p>Raccoons (CD 1)</p>
Unit 3: Linear Measures and Area	<p>S - Measure line segments to the nearest 1/4 inch.</p> <p>S - Measure line segments to the nearest centimeter.</p> <p>D - Find the perimeter of a polygon.</p> <p>D - Find the area of a rectangular region divided into square units.</p>	<p>Post Office Display (CD 1);</p> <p>Sandbox for Geoffrey (CD 1);</p> <p>Shovel, Shovel, Shovel (CD 1);</p> <p>Should We Burst Their Bubble? (CD 1)</p>
Unit 4: Multiplication and Division	<p>S - Know multiplication facts having 0 or 1 as a factor.</p> <p>D/S - Know multiplication facts having 2, 5, or 10 as a factor.</p> <p>D/S - Complete multiplication/division fact families.</p> <p>D - Solve number stories involving equal groups by using multiplication.</p> <p>D - Solve number stories involving equal sharing and equal grouping.</p> <p>D - Know multiplication facts having 3 or 4 as one factor and 2 through 7 as the other factor.</p>	<p>Meddling with Medals (CD 2);</p> <p>A Very Fishy Story (CD 2)</p>
Unit 5: Place Value in Whole Numbers and Decimals	<p>S - Read, write, and compare whole numbers up to 5 digits.</p> <p>S - Identify place value in whole numbers up to 5 digits.</p> <p>D/S - Know multiplication facts from the first set of fact triangles.</p> <p>D - Compare and order decimals.</p> <p>D - Identify place value in decimals.</p> <p>D - Read and write 1- and 2-digit decimals.</p>	<p>Planely a Problem (CD 2);</p> <p>Book Club (CD 2)</p>
Unit 6: Geometry	<p>S - Know multiplication facts from the first set of Fact Triangles.</p> <p>S - Identify right angles.</p> <p>S - Identify and name 2-D and 3-D shapes.</p> <p>S - Identify symmetric figures and draw lines of symmetry.</p> <p>D - Identify, draw, and name line segments, lines and rays.</p> <p>D - Draw parallel and intersecting line segments, lines and rays.</p> <p>D - Draw angles as records of notations.</p>	<p>Bulletin Board Border (CD 1);</p> <p>Party Seating (CD 1)</p>
Unit 7: Multiplication and Division	<p>D - Recognize and know square products.</p> <p>D - Know multiplication facts from the second set of Fact Triangles.</p> <p>D - Solve extended multiplication facts to tens times tens.</p>	<p>Starring Washington Monument (CD 2)</p>

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Everyday Math Unit	Math Concepts	Exemplars Problems
Unit 8: Fractions	D - Identify fractional parts of a set. D - Identify fractional parts of a region.	Great Pizza Dilemma (CD 1); A Problem on the Prairie (CD 1); Deluxe Birthday Cake (CD 1); Is Dan Losing His Marbles? (CD 1)
Unit 9: Multiplication and Division	D - Solve extended multiplication facts to hundreds times hundreds. D - Solve number stories involving equal shares and equal groups.	Winning Ticket (CD 1); Penny a Day (CD 1); Missing Key Dilemma (CD 1); M&M Cookie Combos (CD 2)
Unit 10: Measurement and Data	D/S - Make a bar graph. D - Find the median of a data set. D - Measure in cm and inches. D - Know units of measure for length, weight and capacity. D - Make a frequency table. D - Know multiplication facts.	Making a Fair Decision (CD 1); Should We Burst Their Bubble? (CD 1); Fair Snack (CD 2)
Unit 11: Probability; End-of-Year Review	All concepts are "Beginning/Developing"	Price is Right (CD 2); Fair's Fair (CD 2); Pattern Block Thinking (CD 2)