

Everyday Math Alignment - Grade Two

Everyday Math Unit	Math Concepts	Exemplars Problems
Unit 1: Numbers and Routines	<p>S - Count by 2s, 5s, and 10s. S - Make tallies and give the total. D - Find values of coin and bill combinations. D - Know "easy" addition facts (sums to 10). D - Identify place value for ones, tens, and hundreds. D - Complete number sequences. D - Find equivalent names for numbers. D - Compare numbers; write the symbol $<$, $>$, or $=$.</p>	<p>Snail Trails (CD 1); 10 Feet Apartment Building (CD 1); Snow Play (CD 1); Calendar Problem (CD 2); Betty's Blocks (CD 2)</p>
Unit 2: Addition and Subtraction Facts	<p>S - Find equivalent names for numbers S - Solve simple addition number stories. S - Complete simple Frames-and-Arrows diagrams. S - Know "easier" addition facts. D/S - Solve simple subtraction number stories. D/S - Complete "What's my Rule?" tables D/S - Know "easier" subtraction facts. D/S - Know "harder" addition facts. D - Know "harder" subtraction facts.</p>	<p>Bug Watching (CD 1); Witches Transportation (CD 1)</p>
Unit 3: Place Value, Money and Time	<p>S - Identify place value in 2-digit and 3-digit numbers. S - Show P, N, D, and Q for a given amount. S - Know all addition facts. S - Know easy subtraction facts. D/S - Tell time to 5-minute intervals. D - Know more difficult subtraction facts. D - Make change. D - Solve Frames-and-Arrows problems having two rules.</p>	<p>Eggsactly (CD 1); Coins (CD 1); Perplexing Palindrome (CD 2)</p>
Unit 4: Addition and Subtraction	<p>S - Add and subtract multiples of 10. D - Read of on a thermometer. D - Estimate approximate costs and sums. D - Devise and use strategies for finding differences of 2-digit numbers. D - Devise and use strategies for finding sums of 2-digit numbers.</p>	<p>Sweet Sale (CD 2); Staying Warm (CD 2)</p>
Unit 5: 3-D and 2-D Shapes	<p>S - Identify 2-D shapes. D/S - Draw line segments. D - Identify parallel and nonparallel line segments. D - Find common attributes of shapes. D - Identify symmetrical figures. D - Identify 3-D shapes, such as rectangular prisms, cylinders, pyramids, cones and spheres.</p>	<p>Paleontologist (CD 1); Seats and Tables (CD 1); A Shower of Shapes (CD 2)</p>
Unit 6: Whole-Number Operations and Number Stories	<p>S - Identify place value in 2-digit and 3-digit numbers. S - Show P, N, D, and Q for a given amount. S - Know all addition facts. S - Know easy subtraction facts. D/S - Tell time to 5-minute intervals. D - Know more difficult subtraction facts. D - Make change. D - Solve Frames-and-Arrows problems having two rules.</p>	<p>Eggsactly (CD 1); Clay Pots (CD 1); Hot Chocolate (CD 1); Holiday Fair Shopping Spree (CD 2)</p>
Unit 7: Patterns and Rules	<p>S - Know complements of 10. S - Count by 2s, 5s, and 10s and describe the patterns. S - Find missing addends for the next multiple of 10. S - Solve number-grid puzzles. S - Plot data on a bar graph. D/S - Measure to the nearest inch. D/S - Measure to the nearest centimeter. D - Find missing addends for any multiple of 10. D - Find the median of a data set. D - Add three 2-digit numbers mentally.</p>	<p>Wrist Circumference (CD 1); Mary Quite Contrary (CD 2)</p>

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Unit 8: Fractions	<p>S - Shade a specified fractional part of a region.</p> <p>S - Give the fraction name for the shaded part of a region.</p> <p>D - Understand fractions as names for equal parts of a region or set.</p> <p>D - Understand that the amount represented by a fraction depends on the size of the whole (ONE).</p> <p>D - Shade a specified fractional part of a collection.</p> <p>D - Give the fraction name for the shaded part of a collection.</p> <p>D - Recognize equivalent fraction names.</p>	<p>Pizza Party (CD 1); Happy Birthday Abby! (CD 2); Hatching Eggs (CD 2); Share and Share Alike (CD 2); Let's Play with Playdough (CD 2); Renting Craft Space (CD 2)</p>
Unit 9: Measurement	<p>S - Use a ruler, tape measure, and meter/yardstick correctly.</p> <p>D/S - Identify equivalencies for inches, feet, and yards.</p> <p>D - Measure to the nearest 1/2 inch.</p> <p>D - Measure to the nearest 1/2 cm.</p> <p>D - Use appropriate units for measurement and recognize sensible measurements.</p> <p>D - Find area concretely.</p> <p>D - Find perimeter correctly.</p>	<p>Marshmallow Peeps all in a Row (CD 1); Fencing (CD 1); Wonderful Leaves (CD 2)</p>
Unit 10: Decimals and Place Value	<p>S - Read and write money amounts in decimal notation.</p> <p>S - Use equivalent coins to show money amounts in different ways.</p> <p>S - Use a calculator to compute money amounts.</p> <p>S - Know exchange values of U.S. coins.</p> <p>S - Know and express automatically the values of digits in 2-, 3-, and 4-digit numbers.</p> <p>D - Solve money stories involving change.</p> <p>D - Estimate totals for "ballpark" check of exact answers.</p> <p>D - Know and express automatically the values of digits in 5-digit numbers.</p>	<p>Coins (CD 1); Coin Combinations (CD 1); Dandelion Dilemma (CD 2)</p>
Unit 11: Whole-Number Operations Revisited	<p>S - Multiply numbers with 0 or 1 as a factor.</p> <p>D - Estimate and solve addition and subtraction number stories with dollars and cents.</p> <p>D - Solve 1-digit multiplication stories.</p> <p>D - Solve simple division stories.</p> <p>D - Multiply numbers with 2, 5, or 10 as a factor.</p> <p>D - Construct multiplication/division fact families.</p> <p>D - Make difference and ratio comparisons.</p>	<p>100th Birthday Celebration (CD 1); Seedlings to Timber (CD 1); Field Trip (CD 1); Chaperones (CD 2); Sharing Sleds (CD 2)</p>
Unit 12: Year-End Reviews and Extensions	<p>S - Tell time to 5-minute intervals.</p> <p>S - Demonstrate calendar concepts and skills.</p> <p>S - Compare quantities from a bar graph.</p> <p>D/S - Construct multiplication/division fact families.</p> <p>D/S - Multiply numbers with 2, 5, and 10 as a factor.</p> <p>D - Determine the median, maximum, minimum and range of a data set.</p>	<p>Batches of Beavers (CD 1); Eggsactly (CD 1); Piano Schedule (CD 1); Let's Plan a Party (CD 2)</p>