Year at a Glance Units of Study	Everyday Mathematics (2007): Grade 3

August 19– September 11	September 14– October 2	October 5–23	October 26– November 20	November 23– December 18	January 5–29
Unit 1— Routines, Review, and Assessment	**Unit 2— Adding and Subtracting Whole Numbers**	**Unit 3— Linear Measures and Area**	**Unit 4— Multiplication and Division**	**Unit 5— Place Value in Whole Numbers and Decimals**	**Unit 6— Geometry**

Unit Overview: Main Areas of Mathematical Focus

• Explore patterns on number grids • Review telling time, measuring lengths, and using calculators • Give equivalent names for numbers	• Review fact families and number families • Review and solve "What's My Rule"? problems • Use diagrams to solve number stories • Review algorithms for adding and subtracting	• Explore the need for standard units of measure • Measure lengths using customary and metric units • Develop concept of area • Investigate relationships between diameter and circumference	• Model and solve multiplication number stories and practice multiplication facts • Model and solve division number stories and practice division facts • Explore links between multiplication and division	• Extend previous lessons on base-10 place-value system to whole numbers through millions and to decimals through thousandths • Apply these concepts to reading, writing, comparing, and ordering whole numbers and decimals • Use whole numbers and decimals in real-life contexts	• Investigate line segments, rays, and lines • Explore polygons, including triangles and quadrangles/ quadrilaterals • Draw and measure angles

Skills Addressed Through Routine Practice With Games and Fact Triangles

• Comparing numbers • Addition facts • Addition • Finding equivalent names for numbers • Subtraction • Finding values of coin combinations • Exchanging coins and bills	• Mental addition • Extended facts • Addition and subtraction facts • Finding differences • Multidigit addition and subtraction • Place-value exchanges	• Addition facts • Subtraction facts	• Making arrays • Multiplication facts	• Multiplication facts • Place value • Comparing numbers • Place-value exchanges	• Compare decimals • Applying concept of turns (rotations) • Finding equivalent names for numbers • Identifying similarities and differences among quadrangles • Exploring properties of quadrangles • Multiplication facts • Measuring angles

February 1–19	**February 22– March 12**	**March 15– April 16**	**April 19– May 6**	**May 10–26**
Unit 7— Multiplication and Division	**Unit 8— Fractions**	**Unit 9— Multiplication and Division**	**Unit 10— Measurement and Data**	**Unit 11— Probability; Year-Long Projects, Revisited**

Unit Overview: Main Areas of Mathematical Focus

• Review multiplication and division patterns • Extend basic multiplication facts • Practice making estimates of costs • Explore ratios and geometric figures	• Explore fractional and spatial relationships • Introduce number line for fractions • Find equivalent fractions • Compare fractions using region models • Name quantities greater than one with fractions and mixed numbers • Solve number stories involving fractions	• Multiple and divide with multiples of 10, 100, and 1000 • Use mental math to multiply • Share money • Find products of two-digit numbers	• Review units, tools, and measures of weight, length, and capacity • Introduce mean of data sets • Gain experience with plotting points on coordinate grids	• Organize, graph, and interpret data • Represent the likelihood of outcomes with visual models • Predict outcomes and estimate makeup of populations using survey data and objects

Skills Addressed Through Routine Practice With Games and Fact Triangles

• Finding equivalent names for numbers • Multiplication facts • Mental computation	• Practicing making predictions • Practicing multiplication facts • Finding equivalent fractions • Comparing fractions	• Use two or more operations to find equivalent names for numbers • Compare fractions • Identify factors of whole numbers • Practice multiplication for arrays and equal groups • Identify factors • Practice mental addition • Practice angle measurements	• Comparing fractions • Finding factors of a number • Finding equivalent fractions • Practicing multiplication facts • Practicing mental computation	• Mental addition and subtraction skills • Using memory keys on a calculator • Making predictions