

A YEAR AT A GLANCE -- GRADE 4 *(Revised December, 2013)*

Note: (number inside parenthesis represents approximate number of days to cover content.)

Benchmark 1	Benchmark 2	Benchmark 3	Benchmark 4
<div style="border: 1px solid black; padding: 2px; margin-bottom: 10px; text-align: center;">Pretest</div> <p>4.1 Whole Numbers (15 days) a) Identify place and value b) Compare c) Round -up through one millions place</p> <p>*4.4 Whole Number Computation (14 days) a) Estimate sums and differences and refine using <i>closer to, between, and a little more than</i> b) Add and subtract c) Divide d) Solve single and multistep problems</p> <p>4.14 Data (6 days) Collect, organize, display, and interpret data from a variety of graphs (bar and line graphs)</p> <p>4.15 Patterns (5 days) (describe/create/extend)</p> <p>4.16 Algebra (5 days) b) Associative property of addition</p> <div style="border: 1px solid black; padding: 2px; margin-top: 10px; text-align: center;">Benchmark Test 1</div> <p>(Ongoing Review of Basic Multiplication Facts) Math Magician Multiplication Madness</p>	<p>*4.4 Multiplication (15 days) (up to 3-digit x 2-digit) a) Estimate products and refine estimate using <i>closer to, between, and a little more than</i> b) Multiply d) Solve single and multistep problems</p> <p>*4.4 Division (20 days) (1-digit divisor and up to 3 digit dividend) a) Estimate quotients and refine estimate using <i>closer to, between, and a little more than</i> c) Divide</p> <p>4.16 Algebra (10 days) a) Recognize and demonstrate equality in an equation b) Associative property of multiplication</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0; text-align: center;"> Once content has been introduced, it should be reviewed often and connected to future content. *Items measuring these SOL will be completed <u>without</u> the use of a calculator. </div> <div style="border: 1px solid black; padding: 2px; margin-top: 10px; text-align: center;">Benchmark Test 2</div>	<p>4.10 Geometry (7 days) a) Investigate and describe points, lines, line segments, rays, angles, endpoints and vertices b) Identify representations of intersecting, parallel, and perpendicular lines</p> <p>4.12 Geometry (6 days) a) Define polygon b) Identify polygons with 10 or fewer sides</p> <p>4.11 Geometry (7 days) a) Investigate congruence of 2D figures after a translation, rotation, reflection b) Recognize resulting figures after geometric transformations</p> <p>4.2 Fractions & Mixed Numbers (10 days) a) Compare & order b) Represent equivalent fractions c) Identify the division statement that represents fraction</p> <p>*4.5 Fractions (10 days) a) Determine common multiples and factors - LCM & GCF b) Add & subtract like and unlike/simplify using common multiples and factors d) Solve single and multi-step problems</p> <p>4.13 Probability (5 days) a) Predict likelihood of a simple event b) Represent between 0 and 1</p> <div style="border: 1px solid black; padding: 2px; margin-top: 10px; text-align: center;">Benchmark Test 3</div>	<p>4.3 Decimals (9 days) a) Read, write, represent, and identify through thousandths b) Round to the nearest whole, tenth, and hundredth c) Compare and order d) Given a model write the decimal and fraction</p> <p>*4.5 Decimal Computation (7 days) c) add and subtract through thousandths</p> <p>4.6 Weight/Mass (5 days) a) Estimate & Measure b) Identify equivalent measures</p> <p>4.7 Linear Measurement (5 days) a) Estimate & measure b) Identify equivalent measures</p> <p>4.8 Liquid Volume (5 days) a) Estimate & Measure b) Identify equivalent measures</p> <p>4.9 Elapsed Time (4 days) within a 12-Hour Period</p> <div style="border: 1px solid black; padding: 2px; margin-top: 10px; text-align: center;">SOL Test</div> <div style="border: 1px solid black; padding: 2px; margin-top: 10px; text-align: center;">Post Test</div>