

## A YEAR AT A GLANCE – Geometry *(Revised January 2014)*

**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: 5px; margin-bottom: 10px; text-align: center;"><b>Pretest</b></div> <p>ID Points, lines, planes  <b>G.4a (2 days)</b> Linear Measure (construction)  <b>G.3a (3 days)</b> Distance and Midpoints (construction)  <b>G.4 (3 days)</b> Angle measure (construction)  <b>G.2c (3 days)</b> Angle Relationships (construction)  <b>Chapter 1 Review/Test (2 days)</b></p> <p><b>G.1 (15 days)</b>            Logic            Conditional Statements            Deductive Reasoning            Postulates and Paragraph Proofs            Algebraic Proof  <b>Chapter 2 Review/Test (2 days)</b></p> <p><b>G.2 (2 days)</b> Parallel Lines, Angles, and Transversals  <b>G.3 (2 days)</b> Slopes of Lines  <b>G.3b (2 days)</b> Equations of Lines  <b>G.2, G.4g (2 days)</b> Proving Lines Parallel  <b>G.3b, G.4c (2 days)</b> Perpendiculars and Distance (construction)  <b>Chapter 3 Review/ Test (2 days)</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"><b>Benchmark Test 1</b></div>	<p><b>G.6 (10 days)</b>            Classifying Triangles            Angles of Triangles            Congruent Triangles            Proving Congruence – SSS,SAS            Proving Congruence – ASA,AAS            Isosceles Triangles</p> <p><b>G.5 (3 days)</b>            Medians and Altitudes            Inequalities and Triangles            The Triangle Inequality  <b>Chapter 4&amp; 5 Review/Test (2 days)</b></p> <p><b>G.10 (2 days)</b>            Angles of Polygons</p> <p><b>G. 9 (12 days)</b>            Parallelograms            Tests for Parallelograms            Rectangles            Rhombi and Squares            Trapezoids  <b>Chapter 6 Review/Test (2 days)</b></p> <p><b>G.14 (5 days)</b>            Ratios and Proportions            Similar Polygons</p> <p><b>G.7 (8 days)</b>            Similar Triangles            Parallel Lines and Proportional Parts            Parts of Similar Triangles  <b>Chapter 7 Review/Test (2 days)</b></p>	<p><b>G.8 (12 days)</b>            Pythagorean Theorem            Special Right Triangles            Trigonometry            Angles of Elevation and Depression  <b>G. 14 (2 days)</b> Geometric Mean  <b>Chapter 8 Review/Test (2 days)</b></p> <p><b>G.3 (8 days)</b>            (Omit Nets)            Reflections            Transformations            Rotations            Tessellations            Line and Rotational Symmetry            Dilations  <b>Chapter 9 Review/Test (2 days)</b></p> <p><b>G.11 (18 days)</b>            Circles and Circumference            Angles and Arcs            Arcs and Chords            Inscribed Angles            Tangents            Secants, Tangents, and Angle Measures            Special Segments in a Circle</p> <p><b>G.12 (3 days)</b> Equations of Circles  <b>Chapter 10 Review/Test (2 days)</b></p>	<p><b>G. 14 (2 days)</b>            Areas of Parallelograms            Areas of Triangles, Trapezoids, and Rhombi  <b>G. 11c (3 days)</b>            Areas of Regular Polygons and Circles</p> <p><b>G.13 (10 days)</b>            Surface Areas of Prisms and Cylinders            Surface Areas of Pyramids and Cones            Volume of Prisms and Cylinders            Volume of Pyramids and Cones            Surface Areas and Volumes of Spheres            Ratios of Similar Figures  <b>Chapter 11 &amp; 12 Review/Test (2 days)</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%; text-align: center;"> <p><b>Once content has been introduced, it should be reviewed often and connected to future content.</b></p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"><b>Posttest</b></div>
<b>Benchmark Test 1</b>	<b>Benchmark Test 2</b>		