



## District Quarterly Assessment (DQA) 2010 - 2011 Indicator Schedule GEOMETRY

| 1 <sup>st</sup> Quarter Assessment<br>October 13 – November 3, 2010                                                                                                                                                                                                 | 2 <sup>nd</sup> Quarter Assessment<br>January 5 – 26, 2011                                                                                                                                                                                                                                                                                                                        | 3 <sup>rd</sup> Quarter Assessment<br>March 9 – March 30, 2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4 <sup>th</sup> Quarter Assessment<br>May 4 – May 25, 2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>G.1.1 – Segment: Length/Midpt</b><br><b>G.1.2 – Constructions</b><br><b>G.1.3 – Parallel Lines/Trans</b><br><b>G.1.4 – Coordinate Geometry</b><br><b>G.2.1 – Convex/Concave/Reg</b><br><b>G.2.5 – Polygons: Peri/Area</b><br><b>G.3.3 – Quad: Perimeter/Area</b> | <b>G.4.1 – Classify Triangles</b><br><b>G.4.2 – Triangle: Special Segments</b><br><b>G.4.3 – Congruent Triangles</b><br><b>G.4.4 – Applications: Congr/Sim</b><br><b>G.4.5 – Proportional Segments</b><br><b>G.4.6 – Proof: Congr/Similarity</b><br><b>G.4.7 – Triangle: Perimeter/Area</b><br><b>G.4.8 – Inequality Theorems</b><br><b>G.4.9 – Proof: Regularity, Similarity</b> | <b>G.2.2 – Angles: Interior/Exterior</b><br><b>G.2.3 – Polygons: Congr/Similar</b><br><b>G.2.5 – Measures:</b><br><b>G.3.1 – Classify Quadrilaterals</b><br><b>G.3.2 – Quad Probs: Lenth/Area</b><br><b>G.3.3 – Quads: Relate Measures</b><br><b>G.3.4 – Quads: reg/sim/congr</b><br><b>G.4.4 – Applications: Congr/Sim</b><br><b>G.4.7 – Triangle: Perimeter/Area</b><br><b>G.5.1 – Pythagorean Theorem</b><br><b>G.5.2 – Altitude to Hypotenuse</b><br><b>G.5.3 – Special Right Triangles</b><br><b>G.5.4 – Trigonometric Functions</b><br><b>G.5.5 – Pythagorean Identity</b><br><b>G.5.6 – Application: Rt. Triangle</b> | <b>G.2.4 – Apply Transformations</b><br><b>G.2.6 – Polygons: Properties</b><br><b>G.4.4 – Apply: Congr/Sim Tri</b><br><b>G.6.1 – Circle: Find Center</b><br><b>G.6.3 – Prove Circle Theorems</b><br><b>G.6.4 – Tangents to Circles</b><br><b>G.6.5 – Arcs and Related Angles</b><br><b>G.6.6 – Circles: Congru/Concen</b><br><b>G.6.7 – Arc Length: Sector Area</b><br><b>G.6.8 – Equation of a Circle</b><br><b>G.7.1 – Reg/Nonreg Polyhedra</b><br><b>G.7.2 – Nets: Polyhedra</b><br><b>G.7.3 – Faces-Edges-Vertices</b><br><b>G.7.4 – Geo Solids: Symmetries</b> |
| <b>Total Items – 32</b>                                                                                                                                                                                                                                             | <b>Total Items – 32</b>                                                                                                                                                                                                                                                                                                                                                           | <b>Total Items – 32</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Total Items – 32</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Resources:**

Textbooks: Prentice Hall – c2004; Workbooks

Calculator Technology: Texas Instruments – TI-Nspire; TI-84+/S.E.; CBR Motion Detector; TI-73 Explorer; TI-30XS

Software: Apangea Learning – Software for differentiated learning

Software Exploration: Math XL; Cognitive Tutor; Plato; Compass Learning; Renaissance Learning; Algebras-cool; Apex Learning, etc.

Technology: Laptop/Classroom Computer; LCD Projector

Professional Growth: Learning Connection; Moodle; Literature

Curriculum Development and Management; Mathematics Department; **August 2010**