

7th Grade Module 6 – Geometry

	4 - Mastery	3 - Proficient	2 - Basic	1 - Below Basic	0 - No Evidence
Topic A & B (7.G.5, 7.G.2)	<p>Meets all of the criteria in a Level 3</p> <p>Completes tasks including synthesis and evaluation</p>	<p>Use supplementary, complementary, vertical, and adjacent angle relationships to write an equation and determine an unknown angle in a multi-step problem</p> <p>Draw quadrilaterals and triangles with given side or angle conditions and explain if a triangle is a unique triangle, more than one triangle or not a triangle</p>	<p>Use supplementary, complementary, vertical, and adjacent angle relationships to write an equation and determine an unknown angle</p> <p>Draw quadrilaterals and triangles with given side or angle conditions</p>	<p>Identify supplementary, complementary, vertical, and adjacent angle relationships</p> <p>Identify quadrilaterals and triangles with given side or angle conditions</p>	<p>Shows no evidence of proficiency</p> <p>Little evidence of reasoning or application to solve the problem.</p>
Topic C, D, and E (7.G.3, 7.G.6)	<p>Meets all of the criteria in a Level 3</p> <p>Completes tasks including synthesis and evaluation</p>	<p>Describe the 2 dimensional shape that results from slicing right rectangular prisms and right rectangular pyramids.</p> <p>Solve real-world problems involving area, volume and surface area of objects made from triangles, quadrilaterals, polygons, cubes, and right prisms</p>	<p>Identify the 2 dimensional shape that results from slicing right rectangular prisms and right rectangular pyramids.</p> <p>Solve real-world problems involving area, and volume or surface area of objects made from triangles, quadrilaterals, polygons, cubes, and right prisms</p>	<p>Identify the 2 dimensional shape that results from slicing right rectangular prisms or right rectangular pyramids.</p> <p>Solve real-world problems involving area of objects made from triangles, quadrilaterals, and polygons</p>	<p>Shows no evidence of proficiency</p> <p>Little evidence of reasoning or application to solve the problem.</p>

7.G.A.2 - Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.

7.G.A.3 - Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids.

7.G.B.5 - Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.

7.G.B.6 - Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.