

**Weekly Lesson Plans**  
**WIDA Content and Language Objectives**  
**Strong Middle School**

**Mr. Wilkie**  
**7th-Grade Math**

Nov. 9th-13th, 2015	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Content Objective</b>	Students will demonstrate analysis of triangle and quadrilateral angle sums by working through a geometric investigation.	Students will demonstrate analysis of angle measurement by using a <b>4-Step Problem Solving Strategy</b> (in a graphic organizer)	Students will demonstrate comprehension of various polygon concepts by performing well on a common assessment.	Students will demonstrate analysis of interior angles of polygons by creating multiple polygons and utilizing methods in Problem 2.1	Students will demonstrate application of mathematical similarity by working through Problem 2.1 (Wump Family)
<b>Language Objective</b>	Students will write and orally complete the following sentence stems:  The sum of the interior angles of a _____ are 180 degrees.  The sum of the interior angles of a _____ are 360 degrees.	Students will complete the 4-Step Writing Process with a Type 3 summary using specific FCAs.	Students will read and answer several questions regarding polygon concepts.	Students will write a conjecture using the following sentence stem:  When n sides are increased by 1, the measure of the interior angles increases by _____	Students will write and share orally the following stem:  Two objects are similar when _____. (2 reasons)
<b>Weekly Vocabulary</b>	Polygon, Triangle, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles.	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles.
<b>CCS covered and Strand</b>	<b>7.G.B.5</b> Use facts about complementary, supplementary to solve for unknowns.	<b>7.G.A.2</b> Draw freehand (ruler, protractor, or technology) geometric shapes and angles.	<b>See Monday and Tuesday.</b>	<b>7.RP.A.2</b> Recognize Proportional relationships between quantities.	<b>7.RP.A.2</b> Recognize Proportional relationships between quantities.