

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

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

Dec 12th-16th, 2016	<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 triangle sums by working through a geometric investigation.	Students will demonstrate analysis of quadrilateral angle sums by working through a geometric investigation.	SW demonstrate analysis of triangles and quadrilaterals by drawing specific shapes with rulers and protractors (problems 3.2/3.3)	Students will demonstrate analysis of angle measurement by using a 4-Step Problem Solving Strategy (in a graphic organizer)	Students will demonstrate comprehension of various polygon concepts by performing well on a common assessment.
<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 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.	SW write, draw and label specific triangles and quadrilaterals using a graphic organizer.	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.
<b>Weekly Vocabulary</b>	Polygon, Triangle, Quadrilateral, Quadrant, Coordinante, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, Quadrilateral, Quadrant, Coordinante, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, Quadrilateral, Quadrant, Coordinante, right angle, straight angle, degrees	Polygon, Triangle, Quadrilateral, Quadrant, Coordinante, right angle, straight angle, degrees	Polygon, Triangle, Quadrilateral, Quadrant, Coordinante, right angle, straight angle, degrees, complementary, supplementary
<b>CCS covered and Strand</b>	<b>7.G.B.5</b> Use facts about complementary, supplementary to solve for unknowns.	<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>7.G.A.2</b> Draw freehand (ruler, protractor, or technology) geometric shapes and angles.	<b>See Monday and Tuesday.</b>

**Monday:** Triangle Inv. **Tuesday:** Quad. Inv. **Wed:** Problem 3.2/3.3 **Thurs:** 4-Step Strategy  
**Friday:** Common Assessment

