

**Weekly Lesson Plans**  
WIDA Content and Language Objectives

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

Oct 1st-5th, 2018	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Content Objective</b>	SW demonstrate <b>application of complementary and supplementary angles</b> by using <i>an equation to solve for missing angles</i> .  Also, <b>practice solving equations</b> as warm-up.	SW demonstrate <b>application of angle properties</b> by using <i>the 4-Step Problem Solving Strategy to find fractional and missing angles</i> .	SW demonstrate <b>comprehension of Interior Angles (Triangles)</b> by using <i>equations to solve for missing angles in a graphic organizer</i> .	SW demonstrate <b>comprehension of Interior Angles (Quadrilaterals)</b> by using <i>equations to solve for missing angles in a graphic organizer</i> .	Students will demonstrate application of angle measurement by <b>playing Angle Tangle</b> in Problem 1.2. <i>Continue working on Quadrilateral and Triangle missing angles.</i>
<b>Language Objective</b>	SW write a <b>written response to Type 2 Writing</b> using a <i>sketch, equation, and solution</i> in a graphic organizer.	SW write the <b>4 Steps Process</b> by <i>Restating Question, Collecting Data, Solving, and Restating the Solution</i> .	SW write a <b>response to Type 1 Writing (Interior Angles of Triangles)</b> by <i>hypothesizing the sum of the interior angles</i> .	SW write a <b>response to Type 2 Writing (Interior Angles of Triangles)</b> by <i>summarizing that the sum of interior angles equals 180 degrees</i> .	Student will <b>write a Type 2 Writing summarizing and sketching the benchmark angles</b> .
<b>Weekly Vocabulary</b>	Polygon, Triangle, interior angles, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, interior angles, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, interior angles, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, interior angles, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary	Polygon, Triangle, interior angles, Quadrilateral, Quadrant, Coordinate, right angle, straight angle, degrees, complementary, supplementary
<b>CCS Covered and short description</b>	7.G,B.5 Use facts about complementary, supplementary, vertical and adjacent angles to solve simple equations	7.G,B.5 Use facts about complementary, supplementary, vertical and adjacent angles to solve simple equations	7.G,B.5 Use facts about complementary, supplementary, vertical and adjacent angles to solve simple equations	7.G,B.5 Use facts about complementary, supplementary, vertical and adjacent angles to solve simple equations	7.G.2 Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions.

**Monday:** Complementary Suppl. Equations **Tues:** 4-Step Problem Angles **Wed:** Missing Angles - Triangles. **Thurs:** Missing Angles = Quadrilaterals **Fri:** Angle Tangle plus Triangle Quadr. Review.