

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

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

March 1st-5th, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Content Objective</b>	Students will demonstrate analysis of rates and ratios by working through a 4-step problem solving strategy.	Students will demonstrate analysis of unit rates by identifying them in a table, graph and equation in problem 2.3	SW demonstrate application of proportional relationships by performing well on a summative assessment.	Students will demonstrate comprehension circles by finding the area and circumferences of various circles.	Students will demonstrate analysis of areas of circles by proving the equation $A=\pi r^2$ in an investigation.
<b>Language Objective</b>	Students will write a Type 3 Summary using specific FCA's.	Students will write specific FCA's on rates and unit rates using Collin's Type 3 Writing.	Multiple vocabulary will be emphasized and assessed....	Students will write and verbally identify parts of a circle on a sketch that they create.	Students will write and apply two circle equations:  $A=\pi r^2$ $C=\pi d$
<b>Weekly Vocabulary</b>	Ratios, proportions, scaling, scale factor, part-to-part, part-to-whole, rates, unit rates, table, graph equation.	Ratios, proportions, scaling, scale factor, part-to-part, part-to-whole, rates, unit rates, table, graph equation, percent	Ratios, proportions, scaling, scale factor, part-to-part, part-to-whole, rates, unit rates, table, graph equation, percent	Circle, Pi, Circumference, Area, Diameter, Radius	Circle, Pi, Circumference, Area, Diameter, Radius. Circumference equation, Area equation
<b>CCS covered and Strand</b>	<a href="#">7.RP.A.3</a> Use Proportional Relationships to solve multistep problems.	<a href="#">7.RP.A.3</a> Use Proportional Relationships to solve multistep problems.	<a href="#">7.RP.A.3</a> Use Proportional Relationships to solve multistep problems.	<a href="#">7.G.B.4</a> Know formulas for areas and circumference of circles and apply them.	<a href="#">7.G.B.4</a> Know formulas for area and circumference of circles and apply them

**Monday:** Finish 4-Step Problem **Tuesday:** Problem 2.3 **Wed:** Assessment-Proportions  
**Thursday:** Area and Circumference **Friday:** Area of Circle Investigation