

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

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

Feb. 6th-10th, 2017	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Content Objective</b>	SW demonstrate analysis of Wump Family by analyzing coordinate rules on size and movement.	SW demonstrate application of coordinate graphing by designing their initials on a coordinate grid.	SW demonstrate application of coordinate graphing by designing their initials on a coordinate grid and inputting in their graphing calculators.	SW demonstrate knowledge of ratios by representing them 3 ways and simplifying in graphic organizer.	Students will demonstrate analysis of comparing ratios by solving Juice Problem as a 4-Step Problem.
<b>Language Objective</b>	Students will write and orally share the following definitions:  <ul style="list-style-type: none"> <li>• Similarity</li> <li>• Corresponding Sides</li> <li>• Corresponding Angles</li> <li>• Scale Factor</li> </ul>	SW list parts of a coordinate graph in their math notebook as a note taking strategy.	SW write quadrants of various ordered pairs as a formative assessment activity.	SW complete sentence stems on ratios, part-to-part and part to whole.	Students will write a Type 3 Summary using specific FCA's.
<b>Weekly Vocabulary</b>	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles.	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles.	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles.	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, ratios, fractions, percents	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, ratios, fractions, percents
<b>CCS covered and Strand</b>	<a href="#">7.RP.A.2</a> Recognize Proportional relationships between quantities.	<a href="#">7.RP.A.2</a> Recognize Proportional relationships between quantities.	<a href="#">7.RP.A.2</a> Recognize Proportional relationships between quantities.	<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.

**Monday-Friday:**

Wump Summary, Coordinate Graphing, Coordinate Graphing -Day 2, Ratios, 4-Step Similarity