

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

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

Jan 12th - 15th, 2015	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Content Objective</b>	Students will demonstrate analysis of similarity by summarizing questions from 2.2 (Wump Hats)	Students will demonstrate analysis of similarity by summarizing Wump Family Problems.	Students will demonstrate application whether 2 shapes are by working through problem 2.3 (Scale Factors)	Students will demonstrate application of mathematical similarity by creating a scale drawing.	Students will demonstrate application of mathematical similarity by creating a scale drawing.
<b>Language Objective</b>	Students will complete the following sentence stems: 2 Characteristics of mathematical similarity include: _____ Scale Factors are _____	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>	Students will complete the following sentence stem:  2 shapes are similar when their length and width are _____ (equivalent ratios)	Student will write and orally share the following definition:  A scale factor is _____. 2 traits of a scale drawing are _____.	Students will write a <u>Type 3 Writing</u> on Similarity Rules. Specific FCAs will be given.
<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.	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Scale Factor	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Scale Factor
<b>CCS covered and Strand</b>	<a href="#">7.GA.1</a> Computing lengths and areas of various scale drawings	<a href="#">7.RP.A.2</a> Recognize Proportional relationships between quantities.	<a href="#">7.GA.1</a> Computing lengths and areas of various scale drawings	<a href="#">7.RP.A.2</a> Recognize Proportional relationships between quantities.	<a href="#">7.GA.1</a> Computing lengths and areas of various scale drawings

**Monday:** Summarize 2.2 **Tuesday:** 2.2 Due (Graphing Calc) **Wed:** Problem 2.3 (Scale Factor)  
**Thurs:** Scale Drawing **Fri:** Type 3 Writing