

Name: Reeck		Grading Quarter: 3	Week Beginning: January 21st
School Year: 2024-2025		Subject: Geometry Honors	
Monday	Notes: Grades		Academic Standards: G.GPE.4
Tuesday	Notes:	<p>Objective: Students will solve problems using the properties of similarity.</p> <p>Lesson foundations: Proportions, Corresponding parts</p> <p>Lesson overview: Similarity Statements, Angles are congruent, sides are proportional, scale factor vs proportional</p> <p>Bellwork: Get a sheet of graph paper. Draw a map of this room. Try to draw it “to scale” as well as possible. Include a map scale on your drawing. Feel free to get up and use tape measures (found up front) if you’d like.</p> <p>Assignment: 8.2 (1-20, 22-26)</p>	Academic Standards: G.SRT.2
Wednesday	Notes:	<p>Objective: Students use the AA, ASA, and SSS similarity criterion to solve problems and prove triangles similar.</p> <p>Lesson Foundations: 8.1, 8.2</p> <p>Lesson Overview: Angles are congruent, sides are proportional, set up a proportion and solve</p> <p>Bellwork: Review the triangle congruence postulates – Write out the four of them and explain them in your own words.</p> <p>Homework: 8.3 (1-15), 8.4 (1-13, 16)</p>	Academic Standards: G.GPE.4

Thursday	Notes:	<p>Objective: Students will understand the need for geometry and the ability apply measurements in real-world situations by viewing different optical illusions.</p> <p>Lesson Overview: Finding scale factor, image over pre-image, that number applies to all dimensions on the pre-image, Dilations on a coordinate plane, Center of dilation</p> <p>Bellwork: Continuation of yesterday's work.</p> <p>Assignment: 8.3 (1-15), 8.4 (1-13, 16)</p>	<p>Academic Standards:</p> <p>G.CO.2, G.SRT.1</p>
Friday	Notes:	<p>Objective: Students will participate in outside activities applying the principles of similarity.</p> <p>Lesson Overview: Applications of similarity of triangles. Lumberjack activity. Estimate where a tree will fall/land. Goal post.</p> <p>Bell work: Create your own word problem that uses similarity and proportions.</p> <p>Assignment: Aleks – Triangles, Polygons and Quadrilaterals</p>	<p>Academic Standards:</p> <p>G.SRT.2</p>