

Name: Reeck		Grading Quarter: 3	Week Beginning: February 18th
School Year: 2024-2025		Subject: Geometry Honors	
Monday	Notes:  Grades		Academic Standards: G.GPE.4
Tuesday	Notes:	<p><b>Objective:</b> Students will solve problems using trigonometric ratios and their inverse trigonometric ratios for acute angles.</p> <p><b>Lesson Foundations:</b> Relationships between angles and opposite sides of triangles.</p> <p><b>Lesson Overview:</b> Trigonometric Ratios, Trigonometric Functions, Inverses</p> <p><b>Bellwork:</b> Draw and label a right triangle with its vertices and sides. Assign angle values for all angles. Which side is the longest side? How do you know? Which is the shortest side? And how do you know?</p> <p><b>Homework:</b> Kuta WS on Trig ratios, Solving for angles, Solving for sides</p>	Academic Standards:  G.SRT.4, G.CO.10, G.CO.12
Wednesday	Notes:	<p><b>Objective:</b> Students will solve problems using trigonometric ratios and their inverse trigonometric ratios for acute angles.</p> <p><b>Lesson Foundations:</b> Relationships between angles and opposite sides of triangles.</p> <p><b>Lesson Overview:</b> Trigonometric Ratios, Trigonometric Functions, Inverses</p> <p><b>Bellwork:</b> Get out your planning sheet for your Scale model project. Computing scale factor?</p> <p><b>Homework:</b> Kuta WS on Trig ratios, Solving for angles, Solving for sides</p>	Academic Standards:  G.SRT.2, G.SRT.3

Thursday	Notes:	<p>Objective: Students will work on word problems using trigonometry.</p> <p>Lesson Foundations: 9.4</p> <p>Lesson Overview: Trigonometric Ratios, Trigonometric Functions, Inverses, Angle of Elevation/depression</p> <p>Review Worksheets</p> <p>Bellwork: Review using trig function to find angles and lengths for triangles.</p> <p>Homework: Trigonometry word problems</p>	<p>Academic Standards:</p> <p>G.SRT.2, G.SRT.3, G.SRT.4, G.SRT.5, G.CO.10, G.CO.12</p>
Friday	Notes:	<p>Objective: Students will work on their Scale model projects – They'll understand how to compute the scale factor for their projects.</p> <p>Lesson Foundations: 9.4</p> <p>Lesson Overview: Trigonometric Ratios, Trigonometric Functions, Inverses, Angle of Elevation/depression</p> <p>Review Worksheets</p> <p>Bellwork: Review using trig function to find angles and lengths for triangles.</p> <p>Homework: Trigonometry word problems</p>	<p>Academic Standards:</p> <p>G.CO.2, G.SRT.1, G.SRT.2, G.GPE.4, G.SRT.2, G.SRT.3</p>