

Name: Reeck		Grading Quarter: 3	Week Beginning: February 24th
School Year: 2024-2025		Subject: Geometry Honors	
Monday	Notes:	Objective: Students will solve real-world problems using trigonometric ratios and their inverses.	Academic Standards: G.GPE.4
	Grades	Lesson Foundations: 9.4 Lesson Overview: Trigonometric Ratios, Trigonometric Functions, Inverses, Angle of Elevation/depression Review Worksheets – Challenge problem. Bellwork: Check in on Project progress. Show me a picture. Homework: 9.6 (1-12) Aleks	
Tuesday	Notes:	Objective: Students will work on their drawings and dimensions of their scale model projects.	Academic Standards: G.SRT.4, G.CO.10, G.CO.12
		Bellwork: Get out planning sheets... Homework/Classwork: Aleks	

Wednesday	Notes:	<p>Objective: Students find the areas of quadrilaterals by using the formulas they derive.</p> <p>Lesson Foundations: Quadrilaterals, Area</p> <p>Lesson Overview: Using formulas, solving for different variables in a formula</p> <p>Review Worksheets</p> <p>Bellwork: Use your textbook to list every kind of quadrilateral you can think of and write down the formula for its area. Include a diagram. Then do the same for regular polygons. These formulas can be found in Chapter 11.1 and 11.2 in your book.</p> <p>$4x + 2y = 8$ Solve for x, then y $A = \frac{1}{2}bh$ Solve for b, then h $A = \pi r^2$ Solve for r</p> <p>Homework: 11.1 (1-25 odd)</p>	<p>Academic Standards:</p> <p>G.SRT.2, G.SRT.3</p>
Thursday	Notes:	<p>Objective: Students will find areas of regular polygons by using the formulas they derive. They will also calculate scale factors for their projects.</p> <p>Lesson Overview: Regular polygons, finding angles, apothem, similar triangles</p> <p>Bellwork: Begin working on 11.1 and 11.2</p> <p>Homework: 11.1 (1-25 odd) 11.2 (1-13 odd)</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 find the areas of circles and sectors by using the formulas they derive.</p> <p>Lesson Foundations: Circles, Fractions</p> <p>Bellwork: What is a cross section? What happens when a two-dimensional object is rotated around a line very quickly? What kind of object is “formed?” Check your grades.</p> <p>Homework: Finish Sector area worksheets</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>

