

Name: Adam Reeck		Grading Quarter: 23-24 Q3	Week Beginning: February 12th
School Year: 2023-2024		Subject: Geometry Honors	
Monday	Notes:	<p>Objective: Students will demonstrate understanding of 3-D shapes in 2-D by creating perspective drawings and by answering questions about nets, orthographic, and <i>models</i>. (Introduce Isometric dot paper)</p> <p>Bellwork – Show a sketch of a perspective drawing – ask students to make geometric observations about the drawing.</p> <p>Lesson Overview: Review: Module 2, Mandalas Lesson 2-6, Composite Volumes Assignment: 2-6 (1-26)</p>	Academic Standards: G.GMD.3, G.MG.1
Tuesday	Notes:	<p>Objective: Students will demonstrate mastery of Module 2 by completing a test.</p> <p>Bellwork: Last minute study items.</p> <p>Homework: Mandala</p> <p>Objective: Students will know and demonstrate knowledge of parallel lines and transversals by creating images with included definitions of all angles formed when a transversal intersects a parallel line.</p> <p>Lesson Overview: Introduce parallel lines, 3-7 Bellwork – Come up with a definition of parallel lines. Draw them. Draw a line that intersects both. Make observations. Lesson: Parallel lines and transversals, Alternate interior angles, Corresponding angles, Alternate exterior angles, Consecutive interior angles Assignment: 3-7 (1-33 odd)</p>	Academic Standards: G.CO.1 ,G.CO.9

Wednesday	Notes:	<p>Objective: Students analyze conjectures by inductive reasoning and disprove conjectures by finding counterexamples.</p> <p>Lesson Overview: Sections 3-1 and 3-2 in McGraw Hill.</p> <p>Bellwork: How do we know things are true? How do we know they're not true? Some examples to consider are: How does the earth move relative to the rest of the universe? How do we know it's working that way? Gravity? How do we know that the Earth isn't the center of the universe? How do we know that math works in the ways that it does?</p> <p>Lesson: Conjecture, Inductive Reasoning, Counterexamples, Statement, Converse, Inverse, Contrapositive, Conditionals, If-Then Statements, Bi-conditionals, Hypothesis, Conclusion</p> <p>3-1 (1-25 odd) 3-2 (1-25 odd)</p>	Academic Standards: G.GMD.3, G.MG.1
Thursday	Notes:	<p>Objective: Students will be introduced to algebraic and geometric proof – they will grow their understanding by doing multiple problems of each from sections 3-3 through 3-5.</p> <p>Lesson Overview: Algebraic proof, Laws, Theorems, Axioms, Postulates, Definitions, Properties</p> <p>Bell work: Think of 5 Hard rules in life (could be your own) that never get broken.</p> <p>Lesson: Discuss proof, Go through multiple examples of Algebraic, Geometric (through segments and angles)</p> <p>Assignment: 3-4 (1-13 odd) 3-5 (1-13 odd)</p>	Academic Standards: G.CO.9, G.CO.12
Friday	Notes:		Academic Standards: