

Name: Adam Reeck		Grading Quarter: Q1	Week Beginning: August 21
School Year: 2023-2024		Subject: Geometry	
Monday	Notes:	<p>Objective: Students will be introduced to Angles and the ways in which algebra can be used as a tool for understanding the measures of angles.</p> <p>Lesson Overview: Bellwork: Fraction multiplication Single step algebra problems with fractions Complete vocab activity found on pg. 63 and 64 of workbooks. Lesson for angles (2-1) Homework: 2-1 (1-21)</p>	Academic Standards: G.CO.1, G.CO.12
Tuesday	Notes:	<p>Objective: Students will understand the different types of angles and algebraic manipulations by completing the assignment found in 2-2.</p> <p>Lesson Overview: Bellwork – Multi-step Algebra Problems w/fractions Review 2-1 Angle definitions Lesson on 2-2 Angle relationships Vocab, practice problems, assignment</p>	Academic Standards: G.CO.1, G.CO.12
Wednesday	Notes:	<p>Objective: Students will connect 2-dimensional geometric figures to real-world scenarios during discussion and with homework.</p> <p>Lesson Overview: Bell work: Simple area problems Lesson: 2-3 Modeling Lesson: Assignment: 2-3 (1-13)</p>	Academic Standards: G.GPE.7, G.MG.1

Thursday	Notes:	<p>Objective: Students will be introduced to the concept of geometric constructions. They will demonstrate they can replicate the process of the four constructions listed below. I will also introduce the Mandala project.</p> <p>Lesson Overview: Bellwork – write down a step by step process for making a circle. How can you be sure your process will make a circle everytime?</p> <p>Review: 2-3</p> <p>Lesson: Constructions (Segment, Perp bisector, angle, Angle bisector)</p> <p>Mandala video</p> <p>Assignment: Layout of a mandala</p>	<p>Academic Standards:</p> <p>G.GPE.7, G.MG.1,</p>
Friday	Notes:	<p>Objective: Students will share their understanding of constructions and the creativity that can be employed with them through showing their classmates their mandala foundations.</p> <p>Lesson Overview:</p> <p>Bellwork: Share your Mandala foundation with someone</p> <p>Construction practice – parallel lines and Isosceles and equilateral triangles</p> <p>Lesson on 2-4 transformations in the plane</p> <p>Vocab</p> <p>Homework: Mandala</p>	<p>Academic Standards:</p> <p>G.CO.12, G.CO.2, G.MG.1</p>