Name: Reeck		Grading Quarter: 1	Week Beginning: September 9th
School Year: 2024-2025		Subject: Geometry Honors	
Monday	Notes: Compas, ruler, protractor	Objective: Students will review systems of equations by completing a worksheet on systems. Bellwork: The measure of the supplement of an angle is 60 degrees less than four times the measure of the complement of the angle. Find the measure of the angle. Turn in 2.2	Academic Standards: G.GPE.7, G.MG.1
Tuesday	Notes:	**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. **Bellwork** – write down a step-by-step process for making a circle. How can you be sure your process will make a circle every time? **Hint**: Think about how line segments are formed. **Bonus**: What does the word "Finite" mean? **Review**: 2-3 **Lesson**: Constructions (Segment, Perp bisector, angle, Angle bisector) Mandala video **Assignment**: Layout of a mandala	Academic Standards: G.GPE.7, G.MG.1
Wednesday	Notes:	Objective: Students will connect 2-dimensional geometric figures to real-world scenarios during discussion and with homework. Bell work: Simple area problems Lesson: 2-3 Modeling Assignment: 2-3 (1-13)	Academic Standards: G.GPE.7, G.MG.1,

Thursday	Notes:	**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. **Bellwork** – In your own words, define the following terms: Angle bisector, Perpendicular, Bisector, Perpendicular bisector **Review**:Test **Lesson**: Constructions (Segment, Perp bisector, angle, Angle bisector) **Assignment/Homework**: 4 Constructions with step-by-step explanation; Layout of a mandala,	Academic Standards: G.GPE.7, G.MG.1
Friday	Notes:	**Objective**: Students will demonstrate mastery of 4 basic constructions by assigning steps to the constructions as we do them together on the board. Students will know the three main rigid motions and complete homework on them. **Bellwork**: Vocab for 2-4 – check out term that you need to know to understand most/all these definitions **Lesson Overview**: Lesson on 2-4 transformations in the plane **Assignment:** 2-4 (1-24)	Academic Standards: G.CO.2, G.CO.12