

Name: Adam Reeck		Grading Quarter: 1	Week Beginning: October 17th
School Year: 23-24		Subject: Geometry	
Monday	Notes:		Academic Standards:
Tuesday	Notes: Math Logs	<p>Objective: Students will prove theorems and solve problems about perpendicular bisectors of line segments – and then they will apply those principles to design problems using perpendicular bisectors of triangles.</p> <p>Lesson foundations: Perpendicular bisectors, Constructions of, Coordinate Geometry, Bisectors, Distance formula, Pythagorean Theorem</p> <p>Lesson overview: Perpendicular bisectors, Concurrent lines, Point of Concurrency, Circumcenter</p> <p>Bellwork: Set 3 goals for yourself for this class the second quarter.</p> <p>Review: N/A</p> <p>Assignment: Aleks assignment</p>	Academic Standards: G.CO.9, G.CO.10
Wednesday	Notes:	<p>Objective: Students will prove theorems and solve problems about angle bisectors – and apply these principles to design problems using angle bisectors in triangles.</p> <p>Lesson Foundations: Angle Bisectors, Constructions of, Distance formula, Perpendicular slopes</p> <p>Lesson Overview: Angle bisectors, point of concurrency, incenter</p> <p>Bellwork: Construct the angle bisector of any angle you draw. Make 3 observations.</p> <p>Homework: Aleks assignment</p>	Academic Standards: G.CO.10, G.CO.12

Thursday	Notes:	<p>Objective: Students will solve problems by applying the Centroid Theorem. They will use altitudes and their understanding of slopes to determine orthocenters of triangles.</p> <p>Lesson Foundations: Slope, Perpendicular slope, midpoint</p> <p>Lesson Overview: Median, Centroid, Altitude of triangle sides, Orthocenter</p> <p>Bell work: Draw a line on graph paper. Find the midpoint. How do you know it's the midpoint? Draw a line. Find a random point not on the line. Connect that point and the line at a right angle.</p> <p>Assignment: Aleks assignment</p>	<p>Academic Standards: G.CO.10, G.CO.12</p>
Friday	Notes:	<p>Objective: Students will prove, apply, and solve problems using triangle inequality theorems.</p> <p>Lesson Foundations: Angle-side relationships in triangles, logic, Properties of inequalities (pg. 373), Exterior angle theorem</p> <p>Lesson Overview: Will primarily do problems as we have already covered these principles prior to fall break.</p> <p>Bellwork:</p> <p>Assignment: Triangle inequality worksheets</p>	<p>Academic Standards: G.CO.10</p>