

Lesson Plan		
Subject: Geometry	Date: 08/09/2019	Teacher: Mrs. Westerfield
Quarter 1	Grade: 9 th – 10 th	Room: 8
Content Standard(s):		
<p>Unit 1 <i>G-CO.1</i> <i>G.CO.12</i></p> <p>Unit 2 <i>G-GPE.6</i> <i>G-GPE-7</i></p> <p>Unit 3 <i>G-CO.3</i> <i>G-CO.5</i> <i>G-CO.6</i> <i>G-CO.7</i></p> <p>Unit 4 <i>G.SRT.1a,b</i> <i>G-SRT-2</i> <i>G.SRT.4</i> <i>G-SRT.5</i></p>		
Lessons Objective(s):		
<ul style="list-style-type: none"> - Know the attributes and notation of geometric elements - Understand basic terms and postulates of geometry. - Find midpoint and distance between two points, find partition of segments. - Find the perimeter of polygons and areas of rectangles and triangles on the coordinate grid. - Experiment with transformations in terms of rigid motion - Make geometric constructions. - Understand similarity in terms of similarity transformations 		
Resources:		
<ul style="list-style-type: none"> -Pearson Geometry textbook -Geometry Teacher’s Activities Kit (Judith and Gary Muschla) -Teaching the Common Core Math Standards with Hands-On Activities (Jossey-Bass) -Holt Geometry textbook for extra practice -Teacher created worksheets/warmups/exit tickets 		
Vocabulary/Key Concepts:		
<p>Angle, circle, perpendicular line, parallel line, and line segment, line, distance along a line, and distance around a circular arc. Transformation, preimage, image, rigid motion, translation, composition of transformations, reflections, line of reflection, rotation, center of rotation, angle of rotation, glide reflection, isometry, congruent, congruence transformation. Geometric mean, complementary – supplementary angles, parallel, perpendicular, vertex, similar, congruent, proportional, corresponding sides-angles.</p>		
General methods:		Guided and independent practice:
<p>Teacher modeling/demonstration/Lectures</p> <p>Cooperative learning</p> <p>Problem solving</p> <p>Independent work/project</p> <p>Assessments</p>		<p>Warm ups/Exit tickets</p> <p>Pre-assessment</p> <p>Graphic organizers</p> <p>Drills and guided/independent practice</p> <p>Activities from resource textbooks.</p>
Formative Assessments:		Summative Assessments:
<ul style="list-style-type: none"> -All student work completed in/out of school -Participation/Attendance -Warmups/Exit tickets/Quizzes 		<ul style="list-style-type: none"> -End of unit test -Final test
Differentiation		
<p>Accommodations and modifications will be done according with the IEP/SAT requirements. Accommodations include but not limited to preferential seating, more frequent rest breaks, visual aids, reinforcement procedures. Modifications on time, size, and/or difficulty of assignments/quizzes/ tests will be available for those who required it.</p>		