

Unit	Essential Questions	Standards & Skills	Common Assessments	
Name: Chapter 1 (Points, Lines, Planes, and Angles) Quarter: 1 Length (Days): 11(Algebra Review); 8-Chapter 1	1.) Definitions of essential geometry terms. 2.) Finding the lengths of segments using definition of a midpoint 3.) Finding angle measures; including using definition of an angle bisector 4.) how do you solve linear equations? 5.) What is a system of equation and how do you solve one?	ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-CO.1, A-REI.3, A-CED.1, A-REI.6	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher lecture; Partner Learning
Name: Chapter 2 (Deductive Reasoning) Quarter: 1/2 Length (Days): 16	1.) If-then statements 2.) Properties from Algebra 3.) Proving Theorems 4.) Vertical, Supplementary, Complementary Angles 5.) Perpendicular Lines 6.) Beginning of Planning a Proof	ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-CO.1, G-Co.9	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher lecture; Partner Learning
To Name: Chapter 3 (Parallel Lines) Quarter: 2 Length (Days): 18	1.) Defining parallel lines 2.) Finding missing angles in parallel lines 3.) Proving lines parallel 4.) Proving angles parallel 5.) Using parallel lines in triangles	ILS: National Standards: CRS: WorkKeys Skills: CCSS:G-CO.1 G-CO.9-10,	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher lecture; Partner Learning
Name: Chapter 4 (Proving Triangles Congruent Quarter:2/3 Length (Days): 14 in Q2,2 in Q3	1.) Proving Triangles Congruent using SSS, SAS, ASA, AAS, and HL 2.) Using CPCTC 3.) Theorems involving Isosceles Triangles 4.) Medians, Altitudes, and perp. bisectors	ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-CO.7-10, A-SSE.2-3, A-APR., A-REI.4	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test, Triangles project drawing picture using only triangles	Teacher lecture; Partner Learning
Name: Chapter 5 Quarter: 3 Length (Days): 18	1.) Properties of Parallelogram 2.) Showing Quadrilaterals are Parallelograms 3.) Parallel Line Theorems in Parallelograms 4.) Rectangles, Rhombi and Squares 5.) Trapezoids	ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-CO.3, G-CO. 11, A-REI.7	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher lecture; Partner Learning
Name: Chapter 7 Quarter: 3 Length (Days): 9	1.)Ratio and Proportion 2.) Similar Polygons 3.) Postulates and Theorems for Similar Triangles 4.) Proportional Lengths in Triangles and Parallel Lines	ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-SRT.2, G-SRT.3, G-SRT.4, G-SRT.5	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test, project using similar figures to measure height of flag poles outside	Teacher lecture; Partner Learning

<p>Name: Chapter 8 Quarter: 4 Length (Days):19</p>	<p>1.) Altitude and Leg Proportions in Right Triangles 2.) Pythagorean Theorem 3.) Using Pythagorean Theorem to tell if Triangles are acute, right, obtuse 4.) Special Right Triangles 5.) Basic Trigonometry Functions 6.) Trig Word Problems</p>	<p>ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-SRT.6, G-SRT.7, G-SRT.8, G-SRT.4</p>	<p>Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Quiz 8.1-8.4; Trig Quiz;</p>	<p>Teacher lecture; Partner Learning</p>
<p>Name: Chapter 9 Quarter: 4 Length (Days): 13</p>	<p>1.) Basic Circle Terms 2.) Tangents 3.) Arcs and Central Angles 4.) Arcs and Chords 5.) Inscribed Angles 6.) Angles, outside and inside the circle 7.) Lengths of segments in circles</p>	<p>ILS: National Standards: CRS: WorkKeys Skills: CCSS: G-C.1, G-C.2</p>	<p>Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test</p>	<p>Teacher lecture; Partner Learning</p>
<p>Name: Chapter 10 Quarter: 4 Length (Days): 10</p>	<p>1.) Area of Parallelograms and Triangles 2.) Area of Trapezoids, Rhombi, and Kites 3.) Area of Circles and Sectors 4.) Area of Regular Polygons 5.) Surface Area of Prisms, Cylinders, Pyramids, and Cones</p>	<p>CCSS.MATH.CONTENT.7.G.B.4 CCSS.MATH.CONTENT.HSG.GMD.A.1 CCSS.MATH.CONTENT.HSG.GMD.B.4</p>	<p>Formative: Informal observation through classroom practice, problem sets in book, worksheets, group work Summative: Chapter Test</p>	<p>Teacher lecture; Partner Learning</p>
<p>Name: Chapter 11 Quarter: 4 Length (Days): 9</p>	<p>1.) Volume of Prisms and Cylinders 2.) Volume of Pyramids and Cones 3.) Surface Area and Volume of Spheres</p>	<p>CCSS.MATH.CONTENT.7.G.B.6 CCSS.MATH.CONTENT.HSG.GMD.A.1 CCSS.MATH.CONTENT.HSG.GMD.A.3</p>	<p>Formative: Informal observation through classroom practice, problem sets in book, worksheets, group work Summative: Chapter Test</p>	<p>Teacher lecture; Partner Learning</p>