Standard(s)	Unit/Topic	Essential Skills: What do students absolutely need for the next level?	Resources Used	Assessment
G-CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc. Make geometric constructions CCSS.MATH.CONTENT.HSG.CO.D.12 Make formal geometric constructions with a variety of tools and methods	**Geometry Basics** ● Points/Lines/Planes ● Segment Addition Postulate ● Distance & Midpoint Formula ● Intro to Angles; Addition Postulate ● Angle Relationships (Vertical, Adjacent, Comp/Supp, Linear Pair) ● Constructions	Algebra Review New Vocab New Formulas	Fill in notes IXL Kuta Software WS Jeopardy	Bellringers HWs Vocab Quiz Formula Quiz Angles/Algebra Quiz Test
Prove geometric theorems CCSS.MATH.CONTENT.HSG.CO.C.9	**Logic and Proof** ● Inductive Reasoning, Conjectures, Counter Examples ● Compound Statements & Truth Tables ● Conditional/Biconditional Statements ● Deductive Reasoning ● Algebraic Proofs ● Properties of Congruence Intro ● Segment Proofs ● Angle Proofs	Properties of congruence for later lessons Extensive proof work in the future	Fill in notes	Bellringers HWs Quizzes Test

Prove geometric theorems CCSS.MATH.CONTENT.HSG.CO.C.9 G-CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.	Parallel and Perpendicular Lines ● Parallel Lines, Transversals, Angle Pairs ● Parallel Lines Cut by a Transversal ● Parallel Lines Cut by a Transversal (with Algebra) ● Proving Lines are Parallel (Converses) ● Parallel Line Proofs ● Slope Review (Parallel/Perpendicular) ● Equations of lines (slope int./standard) ● Equations of Lines (Point-Slope)	Angle Pairs Equations of Lines More advanced proof work	Fill in notes Interactive Slides IXL Teachers Pay Teachers Activities	Bellringers HWs Quizzes Test