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| Time Frame | Topic/Unit | Skills/Concepts | Major Assessments | Core Standards | Resources |
| Week 1-5 | **Unit 1: Essential Geometric Terms and Concepts**  | * Points, Distances, and Segments
* Lines, Rays, and Angles
* Types of Angles
* Complements and Supplements
* Circles and Arcs
* Constructing a Triangle Given its Sides
* Additional Geometric Terminology
* More Properties of Lines
 | * U1 Mid-Unit Quiz
* U1 Exam
 | G-CO.1G-CO.12 | eMath Curriculum used throughout |
| Week 6-10 | **Unit 2: Transformations, Rigid Motions, Congruence** | * Transformations
* Rotations
* Reflections
* Isosceles Triangles
* Translations
* Congruence and Rigid Motions
* Basic Rigid Motion Proofs
* Congruence Reasoning About Triangles
* Symmetries of a Figure
 | * U2 Mid-Unit Quiz
* U2 Exam
 | G-CO.2G-CO.3G-CO.4G-CO.5G-CO.6G-CO.7G-CO.9G-CO.10 |  |
| Week 11-14 | **Unit 3: Euclidean Triangle Proof** | * Drawing Inferences from Givens
* The Axioms of Equality
* Triangle Congruence Theorems
* CPCTC
 | * U3 Quiz
* U3 Exam
 | G-CO.9G-CO.10 |  |
| Week 15-19 | **Unit 4: Constructions** | * Introduction to Constructions
* Constructing Angles and Parallel Lines
* Constructing Perpendicular Lines
* The Circumscribed Circle
* Bisecting an Angle
* The Inscribed Circle of a Triangle
* Inscribing Regular Polygons
 | * U4 Mid-Unit Quiz
* U4 Exam
 | G-CO.12G-C.3G-CO.13 |  |
| Week 20-26 | **Unit 5: The Tools of Coordinate Geometry** | * Slope and Parallelism
* Slope and Perpendicularity
* Equations of Lines
* The Point-Slope Form of a Line
* Horizontal and Vertical Lines
* The Pythagorean Theorem
* The Distance Formula
* The Midpoint Formula
* Rotations in the Coordinate Plane
* Reflections in the Coordinate Plane
* Translations in the Coordinate Plane
 | * U5 Mid-Unit Quiz
* U5 Exam
 | G-GPE.4G-GPE.5G-SRT.8G-CO.5 |  |
| Week 27-30 | **Unit 8: Right Triangle Trigonometry** | * Similar Right Triangles
* Trigonometric Ratios
* Trigonometry and the Calculator
* Solving for Missing Sides of a Right Triangle
* Trigonometric Applications
* More Trigonometry Applications
 | * U8 Mid-Unit Quiz
* U8 Exam
 | G-SRT.6G-SRT.7G-SRT.8 |  |
| Week 31-38 | **Unit 10: Measurement and Modeling** | * Perimeter
* Circumference of a Circle
* Area of Polygons
* Area of a Circle
* Sectors of Circles
* Radian Measure of Angles
* Solids and their Cross Sections
* Volume of Prisms and Cylinders
* Volume of Pyramids and Cones
* Spheres
* Volume of a Truncated Cone
 | * U10 Mid-Unit Quiz
* U10 Exam
 | G-GPE.7G-MG.1G-MG.2G-MG.3G-GMD.1G-GMD.3G-GMD.4G-C.1G-C.5 |  |