General Information

Course	Pre-AP Geometry	Grade	9th or 10th Grade
Stakeholders	School staff members, students, families, and community members		

Vocabulary by Unit

Unit Name	Preparing for Geometry	Tools of Geometry	Logical Arguments and Line Relationships	Rigid Transformations and Symmetry	Triangles and Congruence	Relationships in Triangles
Pacing	5 Days	10 Days	15 Days	10 Days	10 Days	10 Days
Vocab		Undefined Term	Inductive Reasoning	Transformation	Auxiliary Line	Perpendicular Bisector
		Point	Conjecture	Preimage	Exterior Angle	Concurrent Lines
		Line	Counterexample	Image	Remote Interior Angles	Point of Concurrency
		Plane	Statement	Isometry	Flow Proof	Circumcenter
		Collinear	Truth Value	Reflection	Corollary	Incenter
		Coplaner	Negation	Translation	Principle of Superposition	Median
		Intersection	Compound Statement	Translation Vector	Congruent Polygons	Centroid
		Definition (or defined term)	Conjunction	Rotation	Corresponding Parts	Altitude
		Space	Disjunction	Line of Reflection	Included Angle	
		Line Segment	Conditional Statement	Center of Rotation	Included Side	
		Betweenness of Points	If-Then Statement	Angle of Rotation	Legs of an Isosceles Triangle	
		Betweenness of Points	Hypothesis	Composition of Transformation	Vertex Angle	
		Congruent Segments	Conclusion	Glide Reflection	Base Angles	
		Construction	Related Conditional	Symmetry	Coordinate Proof	
		Distance (Between 2 Points)	Converse	Line Symmetry		Orthocenter
		Irrational Number	Inverse	Line of Symmetry		
		Midpoint	Contrapositive	Rotational Symmetry		
		Segment Bisector	Logically Equivalent	Center of Symmetry		
		Ray	Biconditional Statement	Order of Symmetry		
		Opposite Rays	Deductive Reasoning	Magnitude of Symmetry		
		Angle	Valid			
		Side (of an Angle)	Law of Detachment			
		Vertex (of an Angle)	Law of Syllogism			
		Interior	Postulates			
		Exterior	Axiom			
		Degree	Proof			
		Right Angle	Flow Proof			

Acute Angle	Deductive Argument
Obtuse Angle	Algebraic Proof
Straight Angle	Theorem
Reflex Angle	Paragraph Proof
Angle Bisector	Informal Proof
Adjacent Angles	Two-Column Proof
Linear Pair	Formal Proof
Vertical Angles	Transversal
Complementary Angles	Interior Angle
Supplementary Angles	Exterior Angle
Perpendicular Lines	Consecutive Interior Angles
	Alternate Interior Angles
	Alternate Exterior Angles
	Corresponding Angles
	Parallel Lines
	Slope
	Slope-Intercept Form
	Point-Slope Form
	Equidistant

Quadrilaterals	Similarity	Right Triangles and Trigonometry	Circles	Extending Area	Extending Volume
10 Days	10 Days	15 Days	10 Days	10 Days	10 Days
Diagonal	Dilation	Geometric Mean	Circle	Base of a Parallelogram	Cross Section
Parallelogram	Similar Polygons	Pythagorean Triple	Center	Height of a Parallelogram	Solid of Revolution
Rectangle	Similarity Transformation	Trigonometry	Radius	Base of a Triangle	Great Circle
Rhombus	Scale Factor	Trigonometric Ratio	Chord	Height of a Triangle	Pole
Square	Midsegment of a Triangle	Sine	Diameter	Height of a Trapezoid	Hemisphere
Trapezoid	Similar Triangles	Cosine	Concentric Circles	Sector of a Circle	Dilation
Bases		Tangent	Circumference	Segment of a Circle	Scale Factor
Legs of a Trapezoid		Inverse Sine	Pi	Center of a Regular Polygon	Polyhedron
Bases Angles		Inverse Cosine	Inscribed	Radius of a Regular Polygon	Face
Isosceles Trapezoid		Inverse Tangent	Circumscribed	Apothem	Edge
Midsegment of a Trapezoid		Angle of Elevation	Central Angle	Central Angle of a Regular Polygon	Vertex
Kite		Angle of Depression	Arc	Composite Figure	Prism
			Minor Arc	Lateral Face	Base of a Polyhedron
			Major Arc	Lateral Edge	Pyramid
			Semicircle	Base Edge	Cylinder
			Congruent Arcs	Altitutde	Cone
			Adjacent Arcs	Height	Sphere
			Arc Length	Lateral Area	Regular Polyhedron

			Radian Measure	Axis	Platonic Solid
			Inscribed Angle	Regular Pyramid	Surface Area
			Intercepted Arc	Slant Height	Volume
			Tangent	Composite Solid	
			Point of Tangency		
			Common Tangent		
			Secant		
			Parabola		
			Focus		
			Directrix		
			Axis of Symmetry		
			Vertex of a Parabola		