

Honors Geometry		
Standards	Fall Semester	
Common Core	Topics Covered	Number of Days
G.CO.10	From Informal to Formal Geometric Thinking (1.1.1) - fraction of shaded square	1
G.CO.11		
G.CO.1	Constructing a Coordinate Plane (1.1.2) - trisecting a segment	2
G.CO.5		
G.CO.12		
G.CO.12	Parallel and Lines (1.1.3) - rotation of a figure on the coordinate plane	2
G.GPE.5		
G.GPE.4	Classifying Shapes on the Coordinate Plane (1.1.4) - determine the coordinates of points given specific info	2
G.GPE.5		
G.GPE.5	Area and Perimeter on the Coordinate Plane (1.1.5) - comparing areas of different parallelograms on the coordinate plane	3
G.GPE.7		
G.MG.2		
G.CO.1	MATHia (1.1)	3
G.GPE.5		
G.GPE.7		
G.CO.10, G.CO.11, G.CO.1, G.CO.5, G.CO.12, G.GPE.5, G.GPE.4, G.GPE.7, G.MG.2	M1 T1 Exam	1
G.CO.9	Using Circles to Make Conjectures (1.2.1) - make conjectures of perpendicular bisectors of chords	2
G.CO.10		
G.C.1		
G.CO.11	Conjectures About Quadrilaterals (1.2.2) - making isosceles trapezoids	2
G.C.3		
G.CO.10, G.CO.11, G.CO.1, G.CO.5, G.CO.12, G.GPE.5, G.GPE.4, G.GPE.7, G.MG.2, G.CO.9, G.C.1, G.C.3	W1 Interim Exam	1
G.CO.12	Constructing an Inscribed Regular Polygon (1.2.3) - determine 2 different ways to construct a 45 degree angle	4
G.CO.13		
G.CO.10	Conjectures about Triangles (1.2.4) - make conjecture about the distance of congruent chords from the center	2
G.CO.10	Points of Concurrency (1.2.5) - determine coordinates of the centroid of triangles on the coordinate plane	2
G.C.3		
G.C.1	MATHia (1.2)	3
G.C.2		
G.C.3		

G.CO.9, G.CO.10, G.C.1, G.CO.11, G.C.3, G.CO.12, G.CO.13	M1 T2 Exam	1
G.CO.1	Geometric Components of Rigid Motions (1.3.1) - transformation machines	3
G.CO.4		
G.CO.6		
G.CO.2	Translations as Functions (1.3.2) - translation functions	2
G.CO.4		
G.CO.2	Reflections as Functions (1.3.3) - sequence of translations and reflections	2
G.CO.4		
G.CO.5		
G.CO.9, G.CO.10, G.C.1, G.CO.11, G.C.3, G.CO.12, G.CO.13, G.CO.1, G.CO.4, G.CO.6, G.CO.2, G.CO.5	W2 Interim Exam	1
G.CO.2	Rotations as Functions (1.3.4) - sequence of transformations	3
G.CO.4		
G.CO.5		
G.CO.3	Reflectional and Rotational Symmetry (1.3.5) - equations of lines of symmetry	1
G.CO.3	MATHia (1.3)	3
G.CO.4		
G.CO.5		
G.CO.1, G.CO.4, G.CO.6, G.CO.2, G.CO.5, G.CO.3	M1 T3 Exam	1
	Formal Reasoning in Euclidean Geometry (2.1.1) - complete a truth table	2
G.CO.7	Proving Triangle Congruence Theorems (2.1.2) - write sentences that give the reasoning for the truth of a statement	3
G.CO.8		
G.CO.6	Using Triangle Congruence to Solve Problems (2.1.3) - proving triangles congruent	3
G.CO.7	MATHia (2.1)	1
G.CO.8		
G.CO.10		
G.CO.7, G.CO.8, G.CO.6, G.CO.10	M2 T1 Exam	1
G.CO.9	Forms of Proof (2.2.1) - create a two-column proof	3
G.CO.9	Proving Parallel Line Theorems (2.2.2) - prove a conditional statement	2
G.CO.10	Interior and Exterior Angles of Polygons (2.2.3) - value of interior angles	2
N.RN.2	Perpendicular Bisector and Isosceles Triangle Theorems (2.2.4) - given a triangle, explain why an angle is exactly 60 degrees	2
G.CO.9		
G.CO.10		
G.C.2	Angle Relationships Inside and Outside Circles (2.2.5) - prove a conjecture	2
G.C.3		
G.C.4(+)		

G.CO.9	MATHia (2.2)	5
G.CO.9, G.CO.10, N.RN.2, G.C.2, G.C.3, G.C.4(+)	M2 T2 Exam	1
G.CO.1, G.CO.4, G.CO.6, G.CO.2, G.CO.5, G.CO.3, G.CO.7, G.CO.8, G.CO.9, G.CO.10, N.RN.2, G.C.2, G.C.3, G.C.4(+)	W3 Interim Exam	1