

Geometry Pacing 2005-2006

QUARTER ONE			
Section	Topic	# Days	Level
1-1	Patterns and Inductive Reasoning	1	M/A
1-2 & 1-3	Points, Lines, and Planes	1	M/A
1-4	Measuring Segments and Angles	1	D/T
1-6	Coordinate Plane	2	D/T
1-7	Perimeter, Circumference, and Area	1	M/A
	Quiz, Review, Test	4	
2-1	Conditional Statements	2	D/T
2-2	Biconditionals and Definitions	1	D
2-3	Deductive Reasoning	1	D
2-4	Reasoning in Algebra	2	D/T
2-5	Proving Angles Congruent	2	D/T
	Quiz, Review, Test	4	
	Quarter 1 District Assessment	2	
3-1	Properties of Parallel Lines	2	D/T
3-2	Proving Lines Parallel	1	D
3-3	Triangle Angle Sum Theorem	1	D/T
3-4	Polygon Angle Sum Theorem	1	D
3-5	Lines in the Coordinate Plane	2	D/T
3-6	Slopes of Parallel and Perpendicular Lines	1	I
	Quiz, Review, Test	4	
	End of Quarter 1		

QUARTER TWO

Section	Topic	# Days	Level
4-1	Congruent Figures	1	M/A
4-2 & 4-3	Triangle Congruence by SSS, SAS, ASA, AAS	3	D/T
4-4	Using Congruent Triangles	1	D
4-5	Isosceles and Equilateral Triangles	1	D/T
4-6	Congruence in Right Triangles	1	D
4-7	Using Corresponding Parts of Congruent Triangles	1	I
	Quiz, Review, Test	4	
5-1	Midsegments of Triangles	1	I
5-2	Bisectors in Triangles	1	I
5-3 and Quiz	Concurrent Lines, Medians, and Altitudes	2	I
5-4	Inverses, Contrapositives, and Indirect Reasoning	1	I
5-5	Inequalities in Triangles	1	D
	Review, and Quiz	2	
6-1	Classifying Quadrilaterals	1	D/T
6-2	Properties of Quadrilaterals	2	D/T
	Quarter 2 District Assessment		
6-3	Proving that a Quadrilateral is a Parallelogram	1	D
6-4	Special Parallelograms	1	D
6-5	Trapezoids and Kites	1	D
	Quiz, Review, Test	4	
	End of Quarter 2		

QUARTER THREE

Section	Topic	# Days	Level
7-1	Areas of Parallelograms and Triangles	1	D/T
	Algebra 1 Review: Simplifying Radicals	1	
7-2	Pythagorean Theorem	2	D/T
7-3	Special Right Triangles	2	D
7-4	Areas of Trapezoids, Rhombuses, and Kites	1	I
7-5	Areas of Regular Polygons	1	D
7-6 & 7-7	Circles, Arcs, and Sectors	3	D
7-8	Geometric Probability	1	D/T
	Quiz, Review, Test	5	
8-1	Ratios and Proportions	1	M/A
	Algebra 1 Review: Solving Quadratic Equations	1	
8-2	Similar Polygons	1	D/T
8-3	Proving Triangles Similar	1	D
8-4	Similarity in Right Triangles	2	D
8-5	Properties of Triangles	1	D
8-6	Perimeters and Areas of Similar Figures	1	D
	Quiz, Review, Test	4	
	Quarter 3 District Assessment		
9-1&9-2	Sine , Cosine , and Tangent Ratios	3	D/T
9-3	Angles of Elevation and Depression	1	I/D
9-4	Vectors	1	I
	Review and Test	3	
	End of Quarter 3		

QUARTER FOUR

Section	Topic	# Days	Level
10-3	Surface Areas of Prisms and Cylinders	2	D/T
10-4	Surface Areas of Pyramids and Cones	2	D
10-5	Volumes of Prisms and Cylinders	1	D/T
10-6	Volumes of Pyramids and Cones	1	D
10-7	Surface Areas and Volumes of Spheres	1	D
10-8	Areas and Volumes of Similar Solids	1	D
	Quiz, Review, Test	4	
	Quarter 4 District Assessment	2	
11-1	Tangent Lines	2	I
11-2	Chords and Arcs	2	I
11-3	Inscribed Angles	2	I
11-4	Angle Measures and Segment Lengths	2	I
11-5	Circles in the Coordinate Plane	2	I
	Quiz, Review, Test	4	
12-1	Reflections	1	D
12-2	Translations	1	D
12-3	Rotations	1	D
12-5	Symmetry	1	D
12-7	Dilations	1	I
	Quiz, Review, Test	4	