

Geometry Curriculum Guide/Timeline Prentice Hall Geometry

Week #	Textbook - Chapter/Section/Title	SOL #
1	1-2 Points, Lines, Planes	
	1-3 Segments, Rays (Objective 1 only)	G.2
	1-4 Measuring Segments (Objective 1 only)	G.2
2	1-6 The Coordinate Plane	G.2
3	1-4 Measuring Angles (Objective 2 only); Definition of perpendicular	
	1-5 Basic Constructions (Do angle bisector part and problems only)	
4	1-5 Basic Constructions- Constructing Congruent Segments and Angles Constructing Segment and Angle Bisectors	G.11
	2-5 Proving Angles Congruent (Need to spend several days on this with much supplementary work and include linear pairs with problems)	G.3
5	2-1 Conditional Statements	G.1
	2-2 Biconditionals and Definitions	G.1
	5-4 Inverses and Converses	G.1
6	2-3 Deductive Reasoning	G.1
	2-4 Reasoning in Algebra	G.1
7	1-3 Parallel Lines and Planes (Objective 2)	G.3, G.4
	3-1 Properties of Parallel Lines	G.3, G.4
8	3-2 Proving Lines Parallel	G.3, G.4
	Slope p. 151	G.2
	3-6 Slopes of Parallel and Perpendicular Lines	G.2
9	3-3 Parallel Lines and the Triangle Angle-Sum Theorem	G.3, G.9

10	3-4 The Polygon Angle-Sum Theorems	G.3, G.9
	3-7 Constructing Parallel and Perpendicular Lines	G.11
11	4-1 Congruent Figures	G.5
	4-2 Triangle Congruence by SSS and SAS	G.5
	4-3 Triangle Congruence by ASA and AAS	G.5
	4-6 Congruence in Right Triangles	G.5
12	4-7 Using Corresponding Parts of Congruent Triangles (Overlapping Triangles)	G.5
	4-4 Using Congruent Triangles	G.5
13	4-5 Isosceles and Equilateral Triangles	
	5-1 Midsegments of Triangles	
	5-2 Bisectors in Triangles	
	5-3 Concurrent Lines, Medians, and Altitudes	
14	5-5 Inequalities in Triangles	G.6
15	6-1 Classifying Quadrilaterals	G.8
	6-2 Properties of Parallelograms	G.8
	6-3 Proving that a Quadrilateral is a Parallelogram	G.8
16	6-4 Special Parallelograms	G.8
	6-5 Trapezoids	G.8
	6-6 Placing Figures in the Coordinate Plane	G.8
17-18	Exam Review and Exams	

19	8.1 Ratios and Proportions	G.12
	8.2 Similar Polygons	G.14
	8-3 Proving Triangles Similar	G.14
20	8-4 Similarity in Right Triangles (Optional)	
	8-5 Proportions in Triangles	G.5, G.14
21	7-2 The Pythagorean Theorem (don't do area)	G.7
	7-3 Special Right Triangles (don't do area)	G.7
22	9-1 The Tangent Ratios	G.7
	9-2 Sine and Cosine Ratios	G.7
	9-3 Angles of Elevation and Depression	G.7
23	7-6 Circles and arcs (Objective 1 only)	G.10
	11-1 Tangent Lines	G.10
	11-2 Chords and Arcs	G.10
24	11-3 Inscribed Angles	G.10
	11-4 Angle Measures and Segment Lengths	G.10
25	1-7 Perimeter, Circumference, and Area	G.10
	7-6 Circles and Arcs (Objective 2)	G.10
	7-7 Areas of Circles and Sectors	G.10
	7-1 Areas of Parallelograms and Triangles	G.8
	7-2 The Pythagorean Theorem and Its Converse (Area Part)	

26	7-3 Special Right Triangles (Area Part)	
	7-4 Areas of Trapezoids, Rhombuses, and Kites	G.8
	7-5 Areas of Regular Polygons	G.8
	8-6 Perimeters and Areas of Similar Figures	G.14
27	10-3 Surface Area of Prisms and Cylinders	G.13
	10-5 Volume of Prisms and Cylinders	G.13
28	10-4 Surface Area of Pyramids and Cones	G.13
	10-6 Volume of Pyramids and Cones	G.13
	10-7 Surface Area and Volume of Spheres	G.13
	10-8 Area and Volume of Similar Solids	G.13
29	10-1 Space Figures and Nets	G.12
	10-2 Space Figures and Drawings	G.12
	12-1 Reflections	G.12
	12-2 Translations	G.12
30	12-3 Rotations	G.12
	12-4 Symmetry	G.12
	12-6 Tessellations	G.9
31-32	SOL Review and Practice Test	
33-36	Special Projects and Trig Preview	
37	Exam Review and Exams	