

45 Teaching Days		First Quarter	
Total Days	Specific Days	Topics: Content & Assessment	CA Standards
13		Chapter 1: Essential Geometry	
	1	1.1 Identify Points, Lines, and Planes	1.0
	1	1.2 Line Segments and Congruence	1.0
	2	1.3 Use Midpoint and Distance Formulas	Prepare for 17.0
	2	1.4 Measure and Classify Angles	1.0, 16.0
		1.4 Constructions (included in investigation on p. 33-34)	16.0
	1	1.5 Describe Angle Pair Relationships	Prepare for 13.0
	1	1.6 Classify Polygons	12.0.0
	2	1.7 Find Perimeter, Circumference, and Area	8.0, 10.0
	1	Float Day(s)	
	1	Review	
	1	Assessment	
	15		Chapter 2: Reasoning and Proof
1		2.1 Use Inductive Reasoning	1.0, 3.0
2		2.2 Analyze Conditional Statements	3.0
2		2.3 Apply Deductive Reasoning	1.0, 3.0
1		2.4 Use Postulates and Diagrams	1.0
2		2.5 Reason Using Properties From Algebra	1.0, 3.0
2		2.6 Prove Statements About Segments and Angles	1.0, 2.0
2		2.7 Prove Angle Pair Relationships	1.0, 2.0, Prepare for 13.0
1		Float Day(s)	
1		Review	
1		Assessment	
12		Chapter 3: Parallel and Perpendicular Lines	
	1	3.1 Identify Pairs of Lines and Angles	1.0, 16.0, Prepare for 7.0
		3.1 Construction (included in exercise 38)	16.0
	1	3.2 Use Parallel Lines and Transversals	7.0
	2	3.3 Prove Lines are Parallel	2.0, 7.0
	1	3.4 Find and Use Slopes of Lines	Prepare for 17.0
	1	3.5 Write and Graph Equations of Lines	Prepare for 17.0
	2	3.6 Prove Theorems about Perpendicular Lines	7.0
	2	Float Day(s)	
	1	Review	
1	Assessment		

38 Teaching Days		Second Quarter	
Total Days	Specific Days	Topics: Content & Assessment	CA Standards
15	1	Chapter 4: Congruent Triangles 4.1 Apply Triangle Sum Properties	12.0, 13.0
	2	4.2 Angle Congruence and Triangles	5.0
	1	4.3 Prove Triangles Congruent by SSS	5.0, 16.0
	2	4.4 Prove Triangles Congruent by SAS and HL	4.0, 5.0
	2	4.5 Prove Triangles Congruent by ASA and AAS	4.0, 5.0
	2	4.6 Use Congruent Triangles	5.0, 16.0
	2	4.7 Use Isosceles and Equilateral Triangles	5.0, 12.0
	<i>cover w/ch. 9</i>	4.8 Perform Congruence Transformations	22.0
	1	Float Day(s)	
	1	Review	
1	Assessment		
11	2	Chapter 5: Relationships within Triangles 5.1 Mid-segment Theorem and Coordinate Proof	17.0
	2	5.2 Use Perpendicular Bisectors	12.0
	optional	5.3 Use Angle Bisectors of Triangles	12.0, 15.0
	1	5.4 Use Medians and Altitudes	17.0, Prepare for 12.0
	1	5.5 Use Inequalities in a Triangle	6.0, 12.0
	2	5.6 Inequalities in Two Triangles and Indirect Proof	2.0
	1	Float Day(s)	
	1	Review	
1	Assessment		
12	1	Chapter 6: Similarity 6.1 Ratios, Proportions, and the Geometric Mean	Prepare for 8.0
	1	6.2 Use Proportions to Solve Geometric Problems	12.0
	2	6.3 Use Similar Polygons	5.0, 8.0, 11.0
	1	6.4 Prove Triangles Similar by AA	5.0, 12.0
	2	6.5 Prove Triangles Similar by SSS and SAS	4.0, 5.0
	2	6.6 Use Proportionality Theorems	4.0, 7.0
	<i>cover w/ch. 9</i>	6.7 Perform Similarity Transformations	5.0, 11.0
	1	Float Day(s)	
	1	Review	
	1	Assessment	

47 Teaching Days		Third Quarter	
Total Days	Specific Days	Topics: Content & Assessment	CA Standards
15	2	Chapter 7: Right Triangles and Trigonometry 7.1 Apply the Pythagorean Theorem	14.0, 15.0
	1	7.2 Use the Converse of the Pythagorean Theorem	12.0
	2	7.3 Use Similar Triangles	4.0, 12.0
	2	7.4 Special Right Triangles	20.0
	1	7.5 Apply the Tangent Ratio	18.0, 19.0, 20.0
	2	7.6 Apply the Sine and Cosine Ratios	18.0, 19.0, 20.0
	2	7.7 Solve Right Triangles	12.0, 19.0
	1	Float Day(s)	
	1	Review	
	1	Assessment	
13	1	Chapter 8: Quadrilaterals 8.1 Find Angle Measures in Polygons	12.0
	2	8.2 Use Properties of Parallelograms	7.0
	2	8.3 Show that a Quadrilateral is a Parallelogram	7.0
	2	8.4 Properties of Rhombuses, Rectangles, and Squares	7.0, 17.0
	2	8.5 Use Properties of Trapezoids and Kites	7.0
	1	8.6 Identify Special Quadrilaterals	12.0
	1	Float Day(s)	
	1	Review	
	1	Assessment	
13	2	Chapter 10: Properties of Circles 10.1 Use Properties of Tangents	7.0, 21.0
	1	10.2 Find Arc Measures	7.0
	1	10.3 Apply Properties of Chords	7.0, 21.0
	2	10.4 Use Inscribed Angles and Polygons	7.0, 21.0
	1	10.5 Apply Other Angle Relationships in Circles	7.0, 21.0
	1	10.6 Find Segment Lengths in Circles	21.0
	2	10.7 Write and Graph Equations of Circles	17.0
	1	Float Day(s)	
	1	Review	
	1	Assessment	

39 Teaching Days		Fourth Quarter	
Total Days	Specific Days	Topics: Content & Assessment	CA Standards
14		Chapter 11: Measuring Length and Area	
	1	11.1 Area of Triangles and Parallelograms	8.0, 10.0
	2	11.2 Area of Trapezoids, Rhombuses, and Kites	8.0, 10.0
	1	11.3 Perimeter and Area of Similar Figures	8.0, 11.0
	2	11.4 Circumference and Arc Length	8.0
	2	11.5 Area of Circles and Sectors	8.0
	2	11.6 Area of Regular Polygons	8.0, 10.0, 21.0
	optional	11.7 Use Geometric Probability	8.0
	2	Float Day(s)	
	1	Review	
1	Assessment		
15		Chapter 12: Surface Area and Volume of Solids	
	2	12.1 Explore Solids	Prepare for 9.0
	1	12.2 Surface Area of Prisms and Cylinders	8.0, 9.0
	2	12.3 Surface Area of Pyramids and Cones	8.0, 9.0
	2	12.4 Volume of Prisms and Cylinders	8.0, 9.0
	2	12.5 Volume of Pyramids and Cones	8.0, 9.0
	2	12.6 Surface Area and Volume of Spheres	8.0, 9.0
	1	12.7 Explore Similar Solids	8.0, 11.0
	1	Float Day(s)	
	1	Review	
1	Assessment		
12		Chapter 9: Properties of Transformations	
	2	9.1 Translate Figures and Use Vectors	17.0, 22.0
	omit	9.2 Use Properties of Matrices	Prepare for 22.0
	2	9.3 Perform Reflections	22.0
	2	9.4 Perform Rotations	22.0
	optional	4.8 Perform Congruence Transformations	22.0
	optional	9.5 Apply Compositions of Transformations	22.0
	1	9.6 Identify Symmetry	22.0
	optional	9.7 Identify and Perform Dilations	16.0
	2	6.7 Perform Similarity Transformations	5.0, 11.0
1	Float Day(s)		
1	Review		
1	Assessment		