

Geometry 3rd Edition Standard Lesson Plan Overview

This Standard Lesson Plan allocates 90 days for each semester.

Test Packet, supplementary material to *Student Text* and *Teacher's Edition*

Student Activities, supplementary material to *Student Text* and *Teacher's Edition*

Teacher's Toolkit CD, included in *Teacher's Edition*

* Bible Integration topics covered in the *Teacher's Edition* or *Student Activities*

Day	Topic	Pages	Support Materials	Bible Integration
Chapter 1: Incidence Geometry				
1	Introduction	xii–xv		<ul style="list-style-type: none"> God created all things
2	1.1 Sets and Subsets	xvi–5	<ul style="list-style-type: none"> Math History: Georg Cantor 	<ul style="list-style-type: none"> God's order seen through geometry reveals His wisdom do all to the glory of God
3	1.2 Set Operations	6–8	<ul style="list-style-type: none"> Elements and Subsets Set Operations Intersection and Union 	
4	1.3 Undefined Terms and Definitions	9–13	<ul style="list-style-type: none"> Quiz 1 (1.1–1.2) Types of Definitions Symbols and Names 	<ul style="list-style-type: none"> faith in God's Word is the foundation for growth
5	Analytic Geometry—Graphing Points	14–15	<ul style="list-style-type: none"> Quiz 2 (1.3) Calculator Skills 	
6	1.4 A Framework with Definitions	16–20	<ul style="list-style-type: none"> Lines: Parallel, Intersecting, Perpendicular 	
7	1.5 An Ideal Euclidean Model	20–24		<ul style="list-style-type: none"> Christ is the Truth* man's incomplete knowledge
8	1.6 Incidence Theorems	25–29	<ul style="list-style-type: none"> Quiz 3 (1.4–1.5) Practice 	
9	Geometry Through History—Euclid 1.7 Sketches and Constructions	30–35	<ul style="list-style-type: none"> Drawing Skills Geometer's Sketchpad Investigations 	<ul style="list-style-type: none"> God is the source of knowledge construction instruments in Isaiah 44:13 before the time of Euclid*
10	Geometry and Scripture—God's Consistency	36–37	<ul style="list-style-type: none"> Quiz 4 (1.6–1.7) Bible: God—The Source of Truth 	<ul style="list-style-type: none"> God's consistency God is the source of truth (His divine nature, attributes, and works)*
11	Chapter 1 Review	38–39	<ul style="list-style-type: none"> Terms and Symbols Cumulative Review 	
12	Chapter 1 Test			

Day	Topic	Pages	Support Materials	Bible Integration
Chapter 2: Subsets of Lines, Planes, and Space				
13	2.1 Subsets of Lines	40–44	<ul style="list-style-type: none"> • Symbols and Names • Calculator Skills 	<ul style="list-style-type: none"> • confidence in Christ, who left behind an empty tomb
14	2.2 Betweenness	45–47	<ul style="list-style-type: none"> • Symbols and Names 	<ul style="list-style-type: none"> • all have sinned; sin breaks fellowship with God
15	2.3 Subsets of Planes	48–51	<ul style="list-style-type: none"> • Quiz 1 (2.1–2.2) • Drawing Skills • Symbols and Names 	<ul style="list-style-type: none"> • biblical separation
16	Geometry Around Us—Designers & Their Patterns	52–53	<ul style="list-style-type: none"> • Quiz 2 (2.3) • Bible: Christ—The Embodiment of Truth 	<ul style="list-style-type: none"> • geometry in creation*
17	2.4 Curves and Circles Analytic Geometry—Graphing Curves	54–60	<ul style="list-style-type: none"> • Math History: Jan Brouwer • Geometer's Sketchpad Investigations • Circles 	<ul style="list-style-type: none"> • the Trinity
18	2.5 Polygons and Convexity	61–67	<ul style="list-style-type: none"> • Prefixes in Detail • Polygons 	
19	2.4–2.5 Review		<ul style="list-style-type: none"> • Quiz 3 (2.4–2.5) • Tessellations 	
20	2.6 Subsets of Space	68–73	<ul style="list-style-type: none"> • Moebius Bands • 3-D Figures 	
21	2.7 Polyhedra	73–77	<ul style="list-style-type: none"> • Terms and Symbols 	<ul style="list-style-type: none"> • the sure foundation of the Lord Jesus
22	Geometry and Scripture—Variables	78–79	<ul style="list-style-type: none"> • Quiz 4 (2.6–2.7) 	<ul style="list-style-type: none"> • instances of geometry in the Bible
23	Chapter 2 Review	80–81	<ul style="list-style-type: none"> • Practice • Cumulative Review 	
24	Chapter 2 Test			

Chapter 3: Segments and Measurement				
25	3.1 Real Numbers	82–88		<ul style="list-style-type: none"> • the law as a spiritual schoolmaster showing us our need
26	3.2 Segment Measure	89–92	<ul style="list-style-type: none"> • Sports in Brief 	
27	Analytic Geometry—The Distance Formula	93	<ul style="list-style-type: none"> • Quiz 1 (3.1–3.2) 	
28	3.3 Segment Bisectors	94–97	<ul style="list-style-type: none"> • Pasch's Postulate • Calculator Skills 	
29	3.4 Perimeter & Circumference	97–101	<ul style="list-style-type: none"> • Quiz 2 (3.2–3.3) • Math History: Gaspard Monge • Perimeter Formulas 	<ul style="list-style-type: none"> • the circumference of a circle approximated in the Bible

Day	Topic	Pages	Support Materials	Bible Integration
30	Geometry Through History—Archimedes 3.5 Polygons: Inscribed and Circumscribed	102–8	<ul style="list-style-type: none"> Design in Detail Kinds of Geometry Geometer's Sketchpad Investigations 	
31	3.4–3.5 Review		<ul style="list-style-type: none"> Quiz 3 (3.4–3.5) 	
32	3.6 Segment Constructions	109–11	<ul style="list-style-type: none"> Construction Skills 	
33	Geometry and Scripture—Distance	112–13	<ul style="list-style-type: none"> Quiz 4 (3.6) Bible: Creation—The Reflection of Truth 	<ul style="list-style-type: none"> measurements in the Bible Creation (by God through Christ) reflecting truth*
34	Chapter 3 Review	114–15	<ul style="list-style-type: none"> Terms and Symbols Cumulative Review 	
35	Chapter 3 Test			

Chapter 4: Angles and Measurement				
36	4.1 Inequalities	116–20	<ul style="list-style-type: none"> Calculator Skills 	<ul style="list-style-type: none"> God's creation displays order and design*
37	4.2 Angle Measure	121–26	<ul style="list-style-type: none"> Math History: Jean-Victor Poncelet 	
38	Analytic Geometry—Slopes of Lines	127–28	<ul style="list-style-type: none"> Quiz 1 (4.1–4.2) 	
39	4.3 Angle Bisectors	129–34	<ul style="list-style-type: none"> Lines: Parallel, Intersecting, Perpendicular 	
40	4.4 Angle Properties	135–41	<ul style="list-style-type: none"> Locus Problems 	
41	Geometry Around Us—Architecture	142–43	<ul style="list-style-type: none"> Quiz 2 (4.3–4.4) Architecture in Brief 	
42	4.5 Polygons: Triangles and Quadrilaterals	144–49	<ul style="list-style-type: none"> Quadrilaterals in Detail Triangles Quadrilaterals 	
43	4.6 Angle Constructions	150–53	<ul style="list-style-type: none"> Quiz 3 (4.5) Construction Skills Geometer's Sketchpad Investigations 	<ul style="list-style-type: none"> God created the universe in an orderly manner orderliness in the universe maintained
44	Geometry and Scripture—Architecture	154–55	<ul style="list-style-type: none"> Quiz 4 (4.6) Bible: Heaven—The Triumph of Truth 	<ul style="list-style-type: none"> architecture in the Bible heaven as the triumph of truth*
45	Chapter 4 Review	156–57	<ul style="list-style-type: none"> Terms and Symbols Practice Cumulative Review 	
46	Chapter 4 Test			
47	Review Chapters 1–4			
48	First Quarter Exam (Chapters 1–4)			

Day	Topic	Pages	Support Materials	Bible Integration
Chapter 5: Preparing for Proofs				
49	5.1 Introduction to Reasoning	158–66		<ul style="list-style-type: none"> God created man a rational being
50	5.2 Statements and Quantifiers	166–68		
51	5.3 Truth Values and Connectives	169–73	<ul style="list-style-type: none"> Quiz 1 (5.1–5.2) Calculator Skills 	<ul style="list-style-type: none"> God is the God of truth
52	Geometry Through History—Boethius	174–75	<ul style="list-style-type: none"> Quiz 2 (5.3) 	<ul style="list-style-type: none"> Arianism and the deity of Christ
53	5.4 Conditional Statements	176–81	<ul style="list-style-type: none"> Truth Tables in Detail 	
54	5.5 Proofs	182–88	<ul style="list-style-type: none"> Quiz 3 (5.4) Math History: Aristotle Fallacies in Brief Paradox in Principle 	<ul style="list-style-type: none"> test all things against Scripture beware of fallacies
55	5.6 Deductive Proof	189–95	<ul style="list-style-type: none"> Quiz 4 (5.5) Practice 	<ul style="list-style-type: none"> Paul used deductive reasoning Christ provided a remedy for man's sin
56	Analytic Geometry—Graphing Lines	196	<ul style="list-style-type: none"> Quiz 5 (5.6) 	
57	5.7 Construction and Proofs	197–201	<ul style="list-style-type: none"> Construction Skills Geometer's Sketchpad Investigations 	
58	Geometry and Scripture—Statements	202–3	<ul style="list-style-type: none"> Quiz 6 (5.7) Bible: Salvation 	<ul style="list-style-type: none"> proofs in the Bible salvation is God's free gift through faith in Christ alone*
59	Chapter 5 Review	204–5	<ul style="list-style-type: none"> Terms and Symbols Cumulative Review 	
60	Chapter 5 Test			

Chapter 6: Congruence				
61	6.1 Congruent Segments	206–14		<ul style="list-style-type: none"> perseverance honoring and glorifying the Lord in all that we do*
62	6.2 Congruent Angles	214–20		
63	6.1–6.2 Review		<ul style="list-style-type: none"> Quiz 1 (6.1–6.2) Bible: The Bible—The Test for Truth 	<ul style="list-style-type: none"> mathematical reasoning and biblical truth*
64	6.3 Congruent Polygons and Circles	220–24	<ul style="list-style-type: none"> Conjectures in Brief 	
65	6.4 Parallel Lines and Transversals	225–31	<ul style="list-style-type: none"> Quiz 2 (6.3) Switching Circuits 	
66	Analytic Geometry—Equations of Lines	232	<ul style="list-style-type: none"> Quiz 3 (6.4) 	

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67	6.5 Angles of Polygons	233–37	<ul style="list-style-type: none"> Practice Calculator Skills 	
68	Geometry Around Us—Sports	238–39	<ul style="list-style-type: none"> Quiz 4 (6.5) 	
69	6.6 Congruence Postulates	240–44	<ul style="list-style-type: none"> Auxiliary Figures in Detail 	
70	6.7 Congruent Triangles	245–50	<ul style="list-style-type: none"> Quiz 5 (6.6) Math History: Pappus 	<ul style="list-style-type: none"> pressing toward the mark
71	6.8 Conditions for Congruent Triangles	251–55	<ul style="list-style-type: none"> Geometer's Sketchpad Investigations Constructions Skills 	
72	Geometry and Scripture—Reasoning	256–57	<ul style="list-style-type: none"> Quiz 6 (6.7–6.8) 	<ul style="list-style-type: none"> reasoning and logic in the Bible
73	Chapter 6 Review	258–59	<ul style="list-style-type: none"> Chapter 6 Review Cumulative Review 	
74	Chapter 6 Test			

Chapter 7: Triangles and Quadrilaterals				
75	7.1 Right Triangles	260–66	<ul style="list-style-type: none"> Triangle Congruence Criteria 	<ul style="list-style-type: none"> patterning our lives after Christ
76	7.1 Review		<ul style="list-style-type: none"> Quiz 1 (7.1) 	
77	7.2 Perpendiculars and Bisectors	267–72	<ul style="list-style-type: none"> Geometer's Sketchpad Investigations Practice 	
78	7.3 Exterior Angles and Inequalities	273–78	<ul style="list-style-type: none"> Calculator Skills 	<ul style="list-style-type: none"> God looks on the heart
79	Geometry Around Us—Carpentry	279–80	<ul style="list-style-type: none"> Quiz 2 (7.2–7.3) 	
80	7.4 Inequalities	281–86	<ul style="list-style-type: none"> Euler Line in Brief 	
81	7.5 Triangle Inequality	287–90	<ul style="list-style-type: none"> Math History: Johann Lambert 	
82	7.4–7.5 Review		<ul style="list-style-type: none"> Quiz 3 (7.4–7.5) 	
83	7.6 Parallelograms	291–95	<ul style="list-style-type: none"> Parallelograms in Detail Historic Quadrilaterals 	
84	Analytic Geometry—Midpoints	296–97		
85	7.7 Polygon Constructions	298–303	<ul style="list-style-type: none"> Construction Skills 	<ul style="list-style-type: none"> Scripture stresses understanding
86	Geometry and Scripture—Dimensions	304–5	<ul style="list-style-type: none"> Quiz 4 (7.6–7.7) Bible: Angels—Messengers of Truth 	<ul style="list-style-type: none"> laws established in God's creation angels are messengers of truth and servants of God*

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87	Chapter 7 Review	306–7	<ul style="list-style-type: none"> • Terms and Symbols • Cumulative Review 	
88	Chapter 7 Test			
89	Review Chapters 5–7			
90	Second Quarter Exam (Chapters 5–7)			

Chapter 8: Area				
91	8.1 Meaning of Area	308–15	<ul style="list-style-type: none"> • Geometer's Sketchpad Investigations • Perimeter, Area, Volume 	<ul style="list-style-type: none"> • God provides a glimpse of heaven to believers
92	8.2 Other Polygons	316–23	<ul style="list-style-type: none"> • Perimeter and Area • Area 	
93	8.3 Pythagorean Theorem	323–27	<ul style="list-style-type: none"> • Quiz 1 (8.1–8.2) • Pythagorean Theorem 	
94	Geometry Through History—Heron Analytic Geometry—Heron's Formula	328–31		
95	8.4 Regular Polygons	332–37	<ul style="list-style-type: none"> • Sin—The Corruption of Truth 	<ul style="list-style-type: none"> • the effect of sin on math*
96	8.3–8.4 Review		<ul style="list-style-type: none"> • Quiz 2 (8.3–8.4) 	
97	8.5 Circles	338–40	<ul style="list-style-type: none"> • Construction Skills • Area 	
98	8.6 Surface Areas of Prisms and Cylinders	341–47	<ul style="list-style-type: none"> • Quiz 3 (8.5) • Math History: Plato • Surface Area 	<ul style="list-style-type: none"> • Christianity is an inner change of the heart
99	8.7 Surface Areas of Pyramids and Cones	348–54	<ul style="list-style-type: none"> • Surface Area • Calculator Skills 	
100	8.8 Surface Areas of Polyhedra and Spheres	355–59	<ul style="list-style-type: none"> • Surface Area • Platonic Solids • Practice 	
101	8.6–8.8 Review		<ul style="list-style-type: none"> • Quiz 4 (8.6–8.8) 	
102	Geometry and Scripture—Area	360–61		<ul style="list-style-type: none"> • area measurements in the Bible
103	Chapter 8 Review	362–63	<ul style="list-style-type: none"> • Terms and Symbols • Cumulative Review 	
104	Chapter 8 Test			

Day	Topic	Pages	Support Materials	Bible Integration
Chapter 9: Circles				
105	9.1 Circles and Chords	364–71	<ul style="list-style-type: none"> Value of π Circles 	<ul style="list-style-type: none"> God's creation illustrates His wondrous ways eternal life is certain for the believer
106	Analytic Geometry—Graphing Circles	372–73	<ul style="list-style-type: none"> The Holy Spirit—The Guide to Truth 	<ul style="list-style-type: none"> the Holy Spirit is the Christian's guide to truth*
107	9.2 Tangents	374–80	<ul style="list-style-type: none"> Indirect Proofs Detectives in Brief 	
108	9.3 Arcs	381–87	<ul style="list-style-type: none"> Quiz 1 (9.1–9.2) 	
109	Geometry Around Us—Transportation	388–89	<ul style="list-style-type: none"> Quiz 2 (9.3) 	
110	9.4 Inscribed Angles	390–93	<ul style="list-style-type: none"> Math History: Ptolemy 	
111	9.5 Lines and Circles	394–98	<ul style="list-style-type: none"> Quiz 3 (9.4) 	
112	9.5 Review		<ul style="list-style-type: none"> Quiz 4 (9.5) Calculator Skills 	
113	9.6 Sectors and Segments	399–404	<ul style="list-style-type: none"> Practice 	
114	9.7 Circle Constructions	405–9	<ul style="list-style-type: none"> Construction Skills 	
115	Geometry and Scripture—Pi	410–11	<ul style="list-style-type: none"> Quiz 5 (9.6–9.7) Geometer's Sketchpad Investigations 	<ul style="list-style-type: none"> circumferences in the Bible
116	Chapter 9 Review	412–13	<ul style="list-style-type: none"> Terms and Symbols Cumulative Review 	
117	Chapter 9 Test			

Chapter 10: Space				
118	10.1 Perspective in Space	414–19	<ul style="list-style-type: none"> Perspective in Brief 	
119	10.2 Separation in Space	420–23	<ul style="list-style-type: none"> Atonement—The Restoration of Truth 	<ul style="list-style-type: none"> Christ's substitutionary atonement*
120	10.3 Perpendiculars in Space	423–27	<ul style="list-style-type: none"> Quiz 1 (10.1–10.2) 	
121	10.4 Parallels in Space	428–31	<ul style="list-style-type: none"> Proofs in Detail Practice 	
122	Analytic Geometry—Slopes of Parallel Lines	432–33	<ul style="list-style-type: none"> Quiz 2 (10.3–10.4) 	
123	10.5 Polyhedra	434–38	<ul style="list-style-type: none"> Construction Skills Three-D Figures Solids 	
124	10.6 Spheres	439–45		<ul style="list-style-type: none"> trusting in God, not riches

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125	Geometry Through History—Riemann	446–47	<ul style="list-style-type: none"> • Quiz 3 (10.5–10.6) • Geometer's Sketchpad Investigations 	<ul style="list-style-type: none"> • Christian testimonial
126	10.7 Latitude and Longitude	448–51	<ul style="list-style-type: none"> • Calculator Skills 	
127	10.8 Spherical Geometry	451–53	<ul style="list-style-type: none"> • Math History: Lobachevsky • Hyperbolic Geometry 	<ul style="list-style-type: none"> • a worldview founded in God as revealed in His Word
128	Geometry and Scripture—The Universe	454–55	<ul style="list-style-type: none"> • Quiz 4 (10.7–10.8) 	<ul style="list-style-type: none"> • a Euclidean universe?
129	Chapter 10 Review	456–57	<ul style="list-style-type: none"> • Terms and Symbols • Cumulative Review 	
130	Chapter 10 Test			

Chapter 11: Volume				
131	11.1 Meaning of Volume	458–64		<ul style="list-style-type: none"> • bearing mature fruit in the Christian life • demonstrating the love of Christ
132	11.2 Prisms	464–70	<ul style="list-style-type: none"> • Math History: Cavalieri 	
133	11.3 Cylinders	471–74	<ul style="list-style-type: none"> • Quiz 1 (11.1–11.2) • Volume Formulas 	
134	11.4 Pyramids and Cones	475–79	<ul style="list-style-type: none"> • Quiz 2 (11.3) • Volume in Brief • Other Volumes 	
135	Analytic Geometry—Conic Sections	480–81	<ul style="list-style-type: none"> • Quiz 3 (11.4) • Solids 	
136	11.5 Polyhedra and Spheres	482–87	<ul style="list-style-type: none"> • Other Volumes • Polyhedra • Sphere Portions 	
137	Geometry Around Us—Engineering	488–89	<ul style="list-style-type: none"> • Planar Projections • Calculator Skills 	
138	11.6 Constructions	490–93	<ul style="list-style-type: none"> • Geometer's Sketchpad Investigations • Construction Skills 	
139	Geometry and Scripture—Volume	494–95	<ul style="list-style-type: none"> • Quiz 4 (11.5–11.6) • Practice • Hell—The Rejection of Truth 	<ul style="list-style-type: none"> • honesty in business involving volume measurement • hell is the ultimate result of rejecting Christ*
140	Chapter 11 Review	496–97	<ul style="list-style-type: none"> • Solids • Terms and Symbols • Cumulative Review 	
141	Chapter 11 Test			
142	Review Chapters 8–11			
143	Third Quarter Exam (Chapters 8–11)			

Day	Topic	Pages	Support Materials	Bible Integration
Chapter 12: Transformations and Symmetry				
144	12.1 Transformations	498–504	<ul style="list-style-type: none"> Similar, Congruent, Symmetrical 	<ul style="list-style-type: none"> God created us in His own image Paul's transformation
145	12.2 Translations and Rotations	504–8	<ul style="list-style-type: none"> Math History: Desargues 	
146	Analytic Geometry—Translating Conic Sections	509–10	<ul style="list-style-type: none"> Quiz 1 (12.1–12.2) 	
147	12.3 Dilations	511–15	<ul style="list-style-type: none"> Topological Transformations Similar, Congruent, Symmetrical 	
148	12.4 Invariance Under Transformations	515–19	<ul style="list-style-type: none"> Construction Skills Similar, Congruent, Symmetrical 	<ul style="list-style-type: none"> God is constant and unchanging
149	Geometry Through History—Hilbert	520–21	<ul style="list-style-type: none"> Quiz 2 (12.3–12.4) The Church—The Steward of Truth 	<ul style="list-style-type: none"> the church (as it is guided, empowered, and built by Christ) is the steward of truth*
150	12.5 Applications of Isometries	522–25	<ul style="list-style-type: none"> Geometer's Sketchpad Investigations Isometries in Detail 	
151	12.6 Symmetry	525–27	<ul style="list-style-type: none"> Symmetry in Brief Similar, Congruent, Symmetrical 	
152	Geometry and Scripture—Transformation	528–29	<ul style="list-style-type: none"> Calculator Skills Quiz 3 (12.5–12.6) 	<ul style="list-style-type: none"> transformation
153	Chapter 12 Review	530–33	<ul style="list-style-type: none"> Practice Terms and Symbols Cumulative Review 	
154	Chapter 12 Test			

Chapter 13: Similarity				
155	13.1 Similar Figures	534–39	<ul style="list-style-type: none"> Transformations Similar, Congruent, Symmetrical 	<ul style="list-style-type: none"> man is “fearfully and wonderfully made”
156	Geometry Around Us—Art	540–41	<ul style="list-style-type: none"> Paper Folding 	
157	13.2 Similar Triangles	542–47	<ul style="list-style-type: none"> Man—The Battleground of Truth 	<ul style="list-style-type: none"> new nature versus old nature*
158	13.3 Similar Right Triangles	548–53	<ul style="list-style-type: none"> Quiz 1 (13.1–13.2) Similar Right Triangles 	
159	Analytic Geometry—Slopes of Perpendicular Lines	554–55	<ul style="list-style-type: none"> Quiz 2 (13.3) Math History: Klein 	
160	13.4 Similar Triangles and Proportions	556–59		
161	13.4 Review		<ul style="list-style-type: none"> Quiz 3 (13.4) 	

Day	Topic	Pages	Support Materials	Bible Integration
162	13.5 Similar Triangles and Problem Solving	560–65	<ul style="list-style-type: none"> • Geometer's Sketchpad Investigations 	<ul style="list-style-type: none"> • applying biblical principles to everyday problems
163	13.6 Circles and Proportions	566–70		
164	13.7 The Golden Ratio	571–75	<ul style="list-style-type: none"> • Calculator Skills • Construction Skills • Golden Ratio in Detail 	
165	Geometry and Scripture—Art	576–77	<ul style="list-style-type: none"> • Quiz 4 (13.5–13.7) 	<ul style="list-style-type: none"> • created in His image
166	Chapter 13 Review	578–79	<ul style="list-style-type: none"> • Practice • Terms and Symbols • Cumulative Review 	
167	Chapter 13 Test			

Chapter 14: Trigonometry				
168	14.1 Trigonometric Ratios	580–87	<ul style="list-style-type: none"> • Geometer's Sketchpad Investigations • Math History: Regiomontanus • Unit Circle 	<ul style="list-style-type: none"> • evaluating your spiritual condition with biblical truth
169	14.2 Special Triangles	588–91	<ul style="list-style-type: none"> • Quiz 1 (14.1) 	<ul style="list-style-type: none"> • God gives wisdom
170	Geometry Around Us—Surveying	592–93	<ul style="list-style-type: none"> • Cevians in Principle 	
171	14.3 Solving Right Triangles	594–98	<ul style="list-style-type: none"> • Construction Skills • Golden Rectangle 	
172	Analytic Geometry—Measurement	599–600	<ul style="list-style-type: none"> • Quiz 2 (14.2–14.3) 	
173	14.4 Trigonometric Identities	601–4	<ul style="list-style-type: none"> • Unit Circle • Calculator Skills 	
174	14.5 Applications of Trigonometry	604–8	<ul style="list-style-type: none"> • Quiz 3 (14.3–14.4) • Ellipses in Brief 	<ul style="list-style-type: none"> • applying biblical principles to your life
175	14.6 Trigonometry and Regular Polygons	609–11	<ul style="list-style-type: none"> • God's Work 	<ul style="list-style-type: none"> • natural revelation, providence, and special revelation from God*
176	Geometry and Scripture—Angle Measure	612–13	<ul style="list-style-type: none"> • Quiz 4 (14.5–14.6) 	<ul style="list-style-type: none"> • angle measurement in the Bible
177	Chapter 14 Review	614–15	<ul style="list-style-type: none"> • Practice • Terms and Symbols • Cumulative Review 	
178	Chapter 14 Test			
179	Review Chapters 12–14			
180	Fourth Quarter Exam (Chapters 12–14)			