

## Fundamentals of Math 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*
<b>Chapter 1: Whole Numbers</b>				
1	Introduction	viii–ix		<ul style="list-style-type: none"> <li>God created man to have dominion over all the earth</li> <li>Man is to love God and to love his neighbor</li> </ul>
2	1.1 Ordering and Rounding Math in Use— Charles Lindbergh	1–7	<ul style="list-style-type: none"> <li>Roman Numerals</li> <li>Egyptian Numerals</li> <li>Comparing Whole Numbers</li> </ul>	<ul style="list-style-type: none"> <li>Man is to use nature to declare God's greatness</li> <li>God reveals mysteries and allows discovery</li> <li>God commanded counting of OT men</li> </ul>
3	1.2 Addition and Subtraction	8–12	<ul style="list-style-type: none"> <li>Quiz 1 (1.1)</li> </ul>	<ul style="list-style-type: none"> <li>A child of God is united with Christ</li> </ul>
4	1.3 Estimating Sums and Differences	12–17	<ul style="list-style-type: none"> <li>Comparing, Estimating, and Adding Whole Numbers</li> </ul>	
5	1.4 Multiplication and Division	18–25	<ul style="list-style-type: none"> <li>Quiz 2 (1.2–1.3)</li> <li>Calculator Skill I</li> <li>Subdue the Earth</li> <li>Select the Operations</li> </ul>	<ul style="list-style-type: none"> <li>Grace and peace are multiplied to the believer *</li> <li>God commands man to subdue the earth *</li> </ul>
6	1.5 Estimating Products and Quotients	25–31	<ul style="list-style-type: none"> <li>Properties of Addition</li> <li>Distributive Property</li> <li>Properties of Multiplication</li> </ul>	
7	Problem Solving— Select the Operations	32–33	<ul style="list-style-type: none"> <li>Quiz 3 (1.4–1.5)</li> </ul>	
8	1.6 Properties of Numbers	34–39		<ul style="list-style-type: none"> <li>God's Word is settled, dependable, and valuable *</li> </ul>
9	1.7 Exponents	39–43	<ul style="list-style-type: none"> <li>Quiz 4 (1.6)</li> <li>Exponents</li> </ul>	
10	1.8 Square Roots	43–46		
11	1.9 Order of Operations	46–48	<ul style="list-style-type: none"> <li>Quiz 5 (1.7–1.8)</li> <li>Order of Operations</li> </ul>	
12	Math & Scripture— Numbers in Bible Poetry	49	<ul style="list-style-type: none"> <li>Quiz 6 (1.9)</li> </ul>	<ul style="list-style-type: none"> <li>Prime Truths</li> </ul>
13	Chapter 1 Review	50–51	<ul style="list-style-type: none"> <li>Mathardy: Ch. 1</li> <li>Chapter 1 Review</li> <li>Cumulative Review</li> </ul>	
14	<b>Chapter 1 Test</b>			

Day	Topic	Pages	Support Materials	Bible Integration*
<b>Chapter 2: Decimals</b>				
15	2.1 Writing Decimals	52–58	<ul style="list-style-type: none"> <li>Decimal Place Value</li> <li>Repeating Decimals</li> </ul>	<ul style="list-style-type: none"> <li>Christians should be “salt” to the world, a healing and preserving influence *</li> </ul>
16	2.2 Comparing and Rounding	58–62	<ul style="list-style-type: none"> <li>Rounding Decimals</li> <li>Rounding Decimal Quotients</li> </ul>	
17	2.3 Addition and Subtraction	63–66	<ul style="list-style-type: none"> <li>Quiz 1 (2.1–2.2)</li> <li>Operations with Decimals</li> </ul>	
18	2.4 Multiplication	66–70	<ul style="list-style-type: none"> <li>Quiz 2 (2.3)</li> <li>Multiplying Decimals</li> </ul>	
19	2.5 Division	70–75	<ul style="list-style-type: none"> <li>Curie, God, and Knowledge</li> </ul>	<ul style="list-style-type: none"> <li>God’s knowledge is infinite *</li> <li>The Lord gives wisdom *</li> </ul>
20	2.6 Estimating	76–80	<ul style="list-style-type: none"> <li>Quiz 3 (2.4–2.5)</li> <li>Estimating Sums</li> </ul>	
21	Problem Solving— Make a Table	81–82		
22	2.7 Square Roots	83–86		
23	2.8 Scientific Notation	86–91	<ul style="list-style-type: none"> <li>Quiz 4 (2.6–2.7)</li> <li>Multiplying and Dividing by Powers of Ten</li> <li>Scientific Notation</li> </ul>	
24	Math in Use— Marie Curie 2.9 Operations in Scientific Notation	92–97	<ul style="list-style-type: none"> <li>Calculator Skill 2</li> </ul>	
25	Math & Scripture—Tithing	98	<ul style="list-style-type: none"> <li>Quiz 5 (2.8–2.9)</li> </ul>	<ul style="list-style-type: none"> <li>Prime Truths</li> </ul>
26	Chapter 2 Review	99–101	<ul style="list-style-type: none"> <li>Mathardy: Ch. 2</li> <li>Chapter 2 Review</li> <li>Cumulative Review</li> </ul>	
27	Chapter 2 Test			

<b>Chapter 3: Number Theory</b>				
28	3.1 Factors and Multiples	102–108	<ul style="list-style-type: none"> <li>Calculator Skill 3</li> </ul>	<ul style="list-style-type: none"> <li>Christians should seek wisdom</li> </ul>
29	3.2 Divisibility	108–111	<ul style="list-style-type: none"> <li>Divisibility</li> </ul>	
30	3.3 Prime Numbers	111–115	<ul style="list-style-type: none"> <li>Quiz 1 (3.1–3.2)</li> <li>Prime Numbers and Prime factorization</li> </ul>	<ul style="list-style-type: none"> <li>Christ is our foundation</li> </ul>
31	Math in Use— Jesus 3.4 Greatest Common Factor	116–120	<ul style="list-style-type: none"> <li>The Euclidean Algorithm</li> </ul>	<ul style="list-style-type: none"> <li>All things were made by Christ</li> <li>Christ paid for our sins on the cross</li> </ul>

Day	Topic	Pages	Support Materials	Bible Integration*
32	3.5 Least Common Multiple	120–125	<ul style="list-style-type: none"> <li>• Quiz 2 (3.3–3.4)</li> <li>• GCF and LCM</li> <li>• Problems with GCF and LCM</li> </ul>	
33	Problem Solving—Guess and Check		<ul style="list-style-type: none"> <li>• Guess and Check</li> </ul>	
34	3.6 Bases	126–128	<ul style="list-style-type: none"> <li>• Number Bases</li> </ul>	
35	3.7 Hexadecimal	128–131	<ul style="list-style-type: none"> <li>• Quiz 3 (3.5–3.6)</li> <li>• Studying Creation</li> </ul>	<ul style="list-style-type: none"> <li>• The heavens declare the glory of God *</li> <li>• Man should glory in God *</li> </ul>
36	3.8 Working with Bases	132–136	<ul style="list-style-type: none"> <li>• Further Practice with Number Bases</li> </ul>	
37	3.9 Number Patterns	136–139	<ul style="list-style-type: none"> <li>• Quiz 4 (3.7–3.8)</li> </ul>	
38	Math & Scripture—Hebrew Calendar	140	<ul style="list-style-type: none"> <li>• Quiz 5 (3.9)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
39	Chapter 3 Review	141–143	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 3</li> <li>• Chapter 3 Review</li> <li>• Cumulative Review</li> </ul>	
40	Chapter 3 Test			

Chapter 4: Fractions				
41	4.1 Fractions and Mixed Numbers	144–151		<ul style="list-style-type: none"> <li>• Bible fractions are common</li> <li>• Knowledge (light) aids our communication of the gospel</li> </ul>
42	4.2 Equivalent Fractions	151–155	<ul style="list-style-type: none"> <li>• How Does God Reveal Himself?</li> <li>• Number Theory Terms</li> </ul>	<ul style="list-style-type: none"> <li>• God is revealed in Scripture *</li> <li>• God is revealed in Christ *</li> <li>• God is revealed in creation *</li> </ul>
43	4.3 Comparing and Ordering	155–160	<ul style="list-style-type: none"> <li>• Quiz 1 (4.1–4.2)</li> <li>• Comparing Fractions</li> <li>• Fraction Manipulatives</li> </ul>	
44	Problem Solving—Find a Pattern 4.4 Adding Fractions	161–167	<ul style="list-style-type: none"> <li>• Adding Fractions</li> <li>• Fraction Manipulatives</li> </ul>	
45	4.5 Subtracting Fractions	167–170	<ul style="list-style-type: none"> <li>• Quiz 2 (4.3–4.4)</li> <li>• Adding and Subtracting Fractions</li> </ul>	
46	4.6 Adding and Subtracting Mixed Numbers	170–174	<ul style="list-style-type: none"> <li>• Word Problems with Mixed Numbers</li> <li>• Fraction Manipulatives</li> </ul>	
47	4.7 Multiplying Fractions	175–178	<ul style="list-style-type: none"> <li>• Quiz 3 (4.5–4.6)</li> <li>• Multiplying Fractions</li> </ul>	
48	4.8 Dividing Fractions	178–181	<ul style="list-style-type: none"> <li>• Calculator Skill 4</li> <li>• Fraction Manipulatives</li> </ul>	
49	4.9 Multiplying and Dividing Mixed Numbers	182–187	<ul style="list-style-type: none"> <li>• Quiz 4 (4.7–4.8)</li> <li>• Complex Fractions</li> <li>• Applying Mixed Numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Soft music can relax the hearer</li> </ul>

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50	Math in Use— Fannie Farmer 4.10 Order of Operations	188–191		
51	Math & Scripture— Fractions	192	<ul style="list-style-type: none"> <li>• Quiz 5 (4.9–4.10)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
52	Chapter 4 Review	193–195	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 4</li> <li>• Chapter 4 Review</li> <li>• Cumulative Review</li> </ul>	
53	<b>Chapter 4 Test</b>			

<b>Chapter 5: Forms of Rational Numbers</b>				
54	5.1 Rational Numbers	196–202		<ul style="list-style-type: none"> <li>• God is the Master Designer</li> <li>• Glorifying God is our ultimate responsibility *</li> </ul>
55	5.2 Ratio and Rate	202–206	<ul style="list-style-type: none"> <li>• Unit Pricing</li> </ul>	<ul style="list-style-type: none"> <li>• God directed Gideon to reduce his army</li> <li>• Rates are mentioned in the Bible</li> </ul>
56	5.3 Proportions	207–211	<ul style="list-style-type: none"> <li>• Quiz 1 (5.1–5.2)</li> <li>• Proportion</li> <li>• Ratio and Proportion</li> </ul>	
57	Problem Solving— Estimate an Answer 5.4 Scale Drawing	212–219	<ul style="list-style-type: none"> <li>• Titanic and God</li> </ul>	<ul style="list-style-type: none"> <li>• Man's pride brings destruction *</li> <li>• God is faithful to all generations *</li> </ul>
58	5.5 Decimals and Rational Numbers	220–225	<ul style="list-style-type: none"> <li>• Quiz 2 (5.3–5.4)</li> <li>• Renaming Decimals as Fractions</li> </ul>	
59	Math in Use— Aaron 5.6 Percent	226–232	<ul style="list-style-type: none"> <li>• Proportion and Percent</li> <li>• Percents and Decimals</li> <li>• Percents and Fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Sin brings judgment from God</li> </ul>
60	5.7 Finding the Part	232–237	<ul style="list-style-type: none"> <li>• Quiz 3 (5.5–5.6)</li> </ul>	
61	5.8 Finding the Percent	237–241	<ul style="list-style-type: none"> <li>• Calculator Skill 5</li> </ul>	
62	5.9 Finding the Whole	241–243	<ul style="list-style-type: none"> <li>• Percent: Mixed Review</li> </ul>	
63	Math & Scripture—Ratios	244	<ul style="list-style-type: none"> <li>• Quiz 4 (5.7–5.9)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
64	Chapter 5 Review	245–247	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 5</li> <li>• Chapter 5 Review</li> <li>• Cumulative Review</li> </ul>	
65	<b>Chapter 5 Test</b>			

<b>Chapter 6: Using Percents</b>				
66	6.1 Enlargement and Reduction	248–253	<ul style="list-style-type: none"> <li>• Percents in Action</li> <li>• Finding Percents</li> <li>• Growth of the Nation Israel</li> </ul>	<ul style="list-style-type: none"> <li>• A steward is required to be faithful</li> <li>• God fulfilled His promise that Abraham's seed would increase greatly *</li> </ul>

Day	Topic	Pages	Support Materials	Bible Integration*
67	Problem Solving— Identify Useful Information	254–255		
68	6.2 Discounts	256–259		
69	6.3 Sales Tax	260–264	<ul style="list-style-type: none"> <li>• Quiz 1 (6.1–6.2)</li> <li>• Calculator Skill 6</li> <li>• Sales Tax</li> </ul>	<ul style="list-style-type: none"> <li>• Christians have a responsibility to pay taxes</li> </ul>
70	6.4 Simple Interest Math in Use— Charles Drew	264–268	<ul style="list-style-type: none"> <li>• Simple Interest</li> </ul>	<ul style="list-style-type: none"> <li>• Use God’s gifts to serve Him</li> <li>• Charging excessive interest is prohibited *</li> </ul>
71	6.5 Commission	269–272	<ul style="list-style-type: none"> <li>• Quiz 2 (6.3–6.4)</li> </ul>	
72	6.6 Percent Change	272–276	<ul style="list-style-type: none"> <li>• Quiz 3 (6.5)</li> <li>• Finding Percents</li> <li>• Using Percents</li> </ul>	
73	Math & Scripture— Multiplication and Division	277	<ul style="list-style-type: none"> <li>• Quiz 4 (6.6)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
74	Chapter 6 Review	278–279	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 6</li> <li>• Chapter 6 Review</li> <li>• Cumulative Review</li> </ul>	
75	<b>Chapter 6 Test</b>			

<b>Chapter 7: Measurement</b>				
76	7.1 Customary Units of Length	280–286		<ul style="list-style-type: none"> <li>• Now is the time to make wise spiritual decisions</li> <li>• Jesus is the way of salvation</li> </ul>
77	7.2 Customary Units of Capacity and Weight	287–290	<ul style="list-style-type: none"> <li>• Customary Unit Conversions</li> </ul>	
78	7.3 Units of Time	290–294	<ul style="list-style-type: none"> <li>• Quiz 1 (7.1–7.2)</li> <li>• Elapsed Time</li> </ul>	<ul style="list-style-type: none"> <li>• Man is subject to time</li> </ul>
79	7.4 Metric Units	294–299	<ul style="list-style-type: none"> <li>• Calculator Skill 7</li> <li>• Mass</li> <li>• Vacation to Canada</li> <li>• Metric Units of Length</li> </ul>	
80	7.5 Converting Metric Units	299–303	<ul style="list-style-type: none"> <li>• Quiz 2 (7.3–7.4)</li> <li>• Renaming Metric Units</li> </ul>	<ul style="list-style-type: none"> <li>• Salvation requires conversion</li> </ul>
81	Math in Use— Noah 7.6 Precision	304–309	<ul style="list-style-type: none"> <li>• Measurements of Bible Times</li> </ul>	<ul style="list-style-type: none"> <li>• The cubit and furlong were biblical measures of distance *</li> <li>• The Flood illustrates that sin results in death *</li> </ul>
82	Problem Solving— Draw a Diagram	310–311	<ul style="list-style-type: none"> <li>• Quiz 3 (7.5–7.6)</li> </ul>	
83	7.7 Time Zones	312–316	<ul style="list-style-type: none"> <li>• Time Zones</li> </ul>	
84	7.8 Temperature	316–321		
85	Math & Scripture— Measuring with Cubits	322	<ul style="list-style-type: none"> <li>• Quiz 4 (7.7–7.8)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>

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86	Chapter 7 Review	323–325	<ul style="list-style-type: none"> <li>Mathardy: Ch. 7</li> <li>Chapter 7 Review</li> <li>Cumulative Review</li> </ul>	
87	<b>Chapter 7 Test</b>			
88	Review for Final Exam			
89	Review for Final Exam			
90	<b>Final Exam (Chapters 1–7)</b>			

<b>Chapter 8: Introduction to Geometry</b>				
91	8.1 Basic Geometric Figures	326–332	<ul style="list-style-type: none"> <li>Measuring Angles</li> <li>Math and Creation</li> </ul>	<ul style="list-style-type: none"> <li>Christ created all things</li> <li>Creation reveals God’s glory and handiwork *</li> </ul>
92	8.2 Pairs of Angles	333–337	<ul style="list-style-type: none"> <li>Lines and Angles</li> </ul>	
93	Problem Solving—Work Backwards	338–339	<ul style="list-style-type: none"> <li>Working Backwards</li> </ul>	<ul style="list-style-type: none"> <li>Prove all things *</li> </ul>
94	8.3 Polygons	340–346	<ul style="list-style-type: none"> <li>Quiz 1 (8.1–8.2)</li> </ul>	
95	8.4 Triangles and Quadrilaterals	346–351	<ul style="list-style-type: none"> <li>Triangles</li> </ul>	
96	8.5 Pythagorean Theorem	351–354	<ul style="list-style-type: none"> <li>Quiz 2 (8.3–8.4)</li> <li>The Pythagorean Thm. by Dissection</li> <li>Calculator Skill 8</li> </ul>	
97	8.6 Perimeter	355–358	<ul style="list-style-type: none"> <li>Quiz 3 (8.5)</li> <li>Perimeter</li> </ul>	
98	8.7 Circles and Circumference Math in Use—Hiram	358–364	<ul style="list-style-type: none"> <li>Circles and Quadrilaterals</li> </ul>	<ul style="list-style-type: none"> <li>Hiram used his talents to serve God</li> <li>The temple pointed to Christ *</li> </ul>
99	8.8 Congruent Figures	365–368	<ul style="list-style-type: none"> <li>Quiz 4 (8.6–8.7)</li> </ul>	
100	8.9 Similar Figures	369–376	<ul style="list-style-type: none"> <li>Geometry Terms</li> </ul>	
101	Math & Scripture—Hiram’s Molten Sea	377	<ul style="list-style-type: none"> <li>Quiz 5 (8.8–8.9)</li> </ul>	<ul style="list-style-type: none"> <li>Prime Truths</li> </ul>
102	Chapter 8 Review	378–381	<ul style="list-style-type: none"> <li>Mathardy: Ch. 8</li> <li>Chapter 8 Review</li> <li>Cumulative Review</li> </ul>	
103	<b>Chapter 8 Test</b>			

<b>Chapter 9: Area and Volume</b>				
104	9.1 Areas of Rectangles and Squares	382–388	<ul style="list-style-type: none"> <li>Problems with Area</li> </ul>	<ul style="list-style-type: none"> <li>Planning is a crucial part of a building project</li> <li>Successful building relies on a sure foundation *</li> </ul>
105	9.2 Areas of Parallelograms and Triangles	388–392	<ul style="list-style-type: none"> <li>Areas</li> </ul>	
106	9.3 Areas of Trapezoids	393–396	<ul style="list-style-type: none"> <li>Quiz 1 (9.1–9.2)</li> </ul>	

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107	Math in Use— Jokichi Takamine 9.4 Areas of Circles	397–402	<ul style="list-style-type: none"> <li>• <a href="#">Areas of Circles</a></li> </ul>	
108	9.5 Areas of Similar Figures	402–405	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 2 (9.3–9.4)</a></li> <li>• <a href="#">The Heavens</a></li> </ul>	<ul style="list-style-type: none"> <li>• As we consider the heavens, we should praise God *</li> </ul>
109	Problem Solving— Reduce to a Simpler Problem	406–407	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 3 (9.5)</a></li> <li>• <a href="#">Solve a Simpler Word Problem</a></li> </ul>	<ul style="list-style-type: none"> <li>• God breathed life into His creatures *</li> </ul>
110	9.6 Surface Area	408–414	<ul style="list-style-type: none"> <li>• <a href="#">3-D Figures</a></li> <li>• <a href="#">Surface Area</a></li> <li>• <a href="#">Nets</a></li> </ul>	
111	9.7 Volumes of Prisms	414–418	<ul style="list-style-type: none"> <li>• <a href="#">Volumes</a></li> </ul>	
112	9.8 Surface Area and Volume of Circular Cylinders	418–421	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 4 (9.6–9.7)</a></li> <li>• <a href="#">Derived Areas and Volumes</a></li> <li>• <a href="#">Calculator Skill 9</a></li> </ul>	
113	Math & Scripture— Measuring Objects	422	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 5 (9.8)</a></li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
114	Chapter 9 Review	423–425	<ul style="list-style-type: none"> <li>• <a href="#">Mathardy: Ch. 9</a></li> <li>• <a href="#">Chapter 9 Review</a></li> <li>• <a href="#">Cumulative Review</a></li> </ul>	
115	<a href="#">Chapter 9 Test</a>			

<b>Chapter 10: Probability and Statistics</b>				
116	10.1 Fundamental Principle of Counting	426–434		<ul style="list-style-type: none"> <li>• God is in control of everything, even the casting of lots</li> </ul>
117	10.2 Permutations	435–439		
118	10.3 Probability	439–443	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 1 (10.1–10.2)</a></li> </ul>	
119	Math in Use— Joshua	444	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 2 (10.3)</a></li> </ul>	<ul style="list-style-type: none"> <li>• Lots were used in the Bible to make decisions</li> </ul>
120	10.4 Descriptive Measures	445–449	<ul style="list-style-type: none"> <li>• <a href="#">Survey Project</a></li> <li>• <a href="#">Calculator Skill 10</a></li> <li>• <a href="#">Range, Mode, Median, Mean</a></li> <li>• <a href="#">Statistics and Scripture</a></li> </ul>	<ul style="list-style-type: none"> <li>• Christians are to discern truth from error *</li> </ul>
121	10.5 Circle Graphs	449–453	<ul style="list-style-type: none"> <li>• <a href="#">Circle Graphs</a></li> </ul>	
122	10.6 Bar and Line Graphs	453–459	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 3 (10.4–10.5)</a></li> <li>• <a href="#">Bar and Line Graphs</a></li> </ul>	
123	10.7 Histograms	460–465		
124	Problem solving— Persuade with Data	466–468	<ul style="list-style-type: none"> <li>• <a href="#">Quiz 4 (10.6–10.7)</a></li> <li>• <a href="#">Using Statistics to Persuade</a></li> </ul>	<ul style="list-style-type: none"> <li>• Persuasion can be used for good or for evil</li> </ul>
125	10.8 Diagramming Data	469–474	<ul style="list-style-type: none"> <li>• <a href="#">Statistics with Graphs and Diagrams</a></li> </ul>	

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126	Math & Scripture—Probability	475	<ul style="list-style-type: none"> <li>• Quiz 5 (10.8)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
127	Chapter 10 Review	476–479	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 10</li> <li>• Chapter 10 Review</li> <li>• Cumulative Review</li> </ul>	
128	Chapter 10 Test			

Chapter 11: Integers				
129	11.1 Comparing	480–485		<ul style="list-style-type: none"> <li>• Jesus forgives sin debt, whether great or small</li> </ul>
130	11.2 Absolute Value	485–488	<ul style="list-style-type: none"> <li>• Comparing Integers and Absolute Value</li> </ul>	
131	11.3 Addition	488–492	<ul style="list-style-type: none"> <li>• Quiz 1 (11.1–11.2)</li> <li>• Reasonable Witnessing</li> <li>• Algebra Mat</li> </ul>	<ul style="list-style-type: none"> <li>• Christians are to be ready to give a reason for our hope to all *</li> </ul>
132	11.4 Subtraction	493–495	<ul style="list-style-type: none"> <li>• Adding and Subtracting Integers</li> <li>• Algebra Mat</li> </ul>	
133	11.5 Multiplication	496–499	<ul style="list-style-type: none"> <li>• Quiz 2 (11.3–11.4)</li> <li>• Algebra Mat</li> </ul>	
134	11.6 Division Math in Use—Abraham	499–503	<ul style="list-style-type: none"> <li>• Integer Applications</li> <li>• Multiplying and Dividing Integers</li> </ul>	<ul style="list-style-type: none"> <li>• Abraham believed and obeyed God</li> <li>• God desires for you to have faith like Abraham</li> </ul>
135	11.7 Integer Operations	504–507	<ul style="list-style-type: none"> <li>• Quiz 3 (11.5–11.6)</li> <li>• Modular Arithmetic</li> <li>• Calculator Skill 11</li> <li>• Operations with Integers</li> </ul>	
136	Problem Solving—Multiple Steps	508–509	<ul style="list-style-type: none"> <li>• Quiz 4 (11.7)</li> <li>• Using Multiple Steps</li> </ul>	
137	11.8 Real Numbers	510–514		
138	Math & Scripture—Addition and Subtraction	515	<ul style="list-style-type: none"> <li>• Quiz 4 (11.8)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
139	Chapter 11 Review	516–517	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 11</li> <li>• Chapter 11 Review</li> <li>• Cumulative Review</li> </ul>	
140	Chapter 11 Test			

Chapter 12: Introduction to Algebra				
141	12.1 Variables and Expressions	518–523	<ul style="list-style-type: none"> <li>• Day of Atonement</li> </ul>	<ul style="list-style-type: none"> <li>• Young people need to mature</li> <li>• Christ's atoning work did away with OT Day of Atonement *</li> </ul>
142	12.2 Evaluating Expressions	523–525	<ul style="list-style-type: none"> <li>• Evaluating Expressions</li> </ul>	



Day	Topic	Pages	Support Materials	Bible Integration*
143	12.3 Writing Expressions	526–530	<ul style="list-style-type: none"> <li>• Quiz 1 (12.1–12.2)</li> <li>• Using Algebraic Expressions</li> <li>• Writing Algebraic Expressions</li> </ul>	
144	12.4 Writing Equations	530–533		<ul style="list-style-type: none"> <li>• Jesus is equal to God</li> <li>• The Bible uses “equal” *</li> </ul>
145	Math in Use— Wernher von Braun	534–535	<ul style="list-style-type: none"> <li>• Quiz 2 (12.3–12.4)</li> </ul>	
146	12.5 Solving Equations Involving Addition and Subtraction	536–539	<ul style="list-style-type: none"> <li>• Solving Addition and Subtraction Equations</li> </ul>	
147	12.6 Solving Equations Involving Multiplication and Division	540–543	<ul style="list-style-type: none"> <li>• Quiz 3 (12.5)</li> <li>• Calculator Skill 12</li> <li>• Solving Multiplication and Division Equations</li> </ul>	
148	12.7 Solving Two-Step Equations	543–547	<ul style="list-style-type: none"> <li>• Quiz 4 (12.6)</li> <li>• Formulas for Figurate Number Patterns</li> <li>• Solving Two-Step Equations</li> <li>• Writing and Solving Equations</li> </ul>	
149	Problem Solving— Apply Algebra	548–549	<ul style="list-style-type: none"> <li>• Quiz 5 (12.7)</li> </ul>	
150	12.8 Inequalities	550–553		
151	12.9 Solving Inequalities	553–556		
152	Math & Scripture— Variables	557	<ul style="list-style-type: none"> <li>• Quiz 6 (12.8–12.9)</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Truths</li> </ul>
153	Chapter 12 Review	558–559	<ul style="list-style-type: none"> <li>• Mathardy: Ch. 12</li> <li>• Chapter 12 Review</li> <li>• Cumulative Review</li> </ul>	
154	Chapter 12 Test			

Chapter 13: Relations and Functions				
155	13.1 The Coordinate Plane	560–566	<ul style="list-style-type: none"> <li>• Graphs from Experimental Ordered Pairs</li> <li>• Coordinate Plane</li> </ul>	<ul style="list-style-type: none"> <li>• Input of biblical principles into your life will produce an output pleasing to God</li> </ul>
156	13.2 Relations	566–570	<ul style="list-style-type: none"> <li>• Quiz 1 (13.1)</li> <li>• Calculator Skill 13</li> </ul>	
157	13.3 Functions	570–575	<ul style="list-style-type: none"> <li>• Identifying Functions</li> </ul>	
158	13.4 Function Rules	575–579	<ul style="list-style-type: none"> <li>• Quiz 2 (13.2–13.3)</li> <li>• Function Rules</li> </ul>	

Day	Topic	Pages	Support Materials	Bible Integration*
159	Math in Use— Elisha Otis 13.5 Graphing Linear Functions	580–586	<ul style="list-style-type: none"> <li>Graphing Linear Functions</li> </ul>	
160	Problem Solving— Predict with Graphs	587–588	<ul style="list-style-type: none"> <li>Quiz 3 (13.4–13.5)</li> <li>Using Graphs to Predict</li> </ul>	
161	13.6 Slope	589–595	<ul style="list-style-type: none"> <li>Functions in the Bible</li> </ul>	<ul style="list-style-type: none"> <li>The life spans of OT patriarchs can be graphed as a function of generation *</li> </ul>
162	13.7 Translations	595–603		
163	Math & Scripture— Functions	604	<ul style="list-style-type: none"> <li>Quiz 4 (13.6–13.7)</li> </ul>	<ul style="list-style-type: none"> <li>Prime Truths</li> </ul>
164	Chapter 13 Review	605–607	<ul style="list-style-type: none"> <li>Mathardy: Ch. 13</li> <li>Chapter 13 Review</li> <li>Cumulative Review</li> </ul>	
165	Chapter 13 Test			

Chapter 14: Logic and Set Theory				
166	14.1 Simple Statements	608–615	<ul style="list-style-type: none"> <li>Calculator Skill 14</li> </ul>	<ul style="list-style-type: none"> <li>Sound reasoning characterized Paul's ministry</li> <li>Christ exemplified reasoning and logic *</li> </ul>
167	14.2 Compound Statements	615–621		
168	14.3 Conditional Statements	622–626	<ul style="list-style-type: none"> <li>Quiz 1 (14.1–14.2)</li> <li>Statements and Negations</li> </ul>	
169	14.4 Reasoning	626–632	<ul style="list-style-type: none"> <li>Logic</li> </ul>	<ul style="list-style-type: none"> <li>God and His Word are Truth</li> <li>Paul's arguments are logical *</li> </ul>
170	Math in Use—Paul	633	<ul style="list-style-type: none"> <li>Quiz 2 (14.3–14.4)</li> </ul>	<ul style="list-style-type: none"> <li>Paul emphasized the power of God over human reasoning</li> <li>Paul's practice was to reason out of the Scriptures</li> <li>Christians should be dead to sin *</li> </ul>
171	14.5 Sets	634–637		
172	14.6 Subsets	637–641	<ul style="list-style-type: none"> <li>Subsets</li> </ul>	
173	14.7 Union and Intersection	641–645	<ul style="list-style-type: none"> <li>Quiz 3 (14.5–14.6)</li> <li>Venn Diagrams to Test for Valid Arguments</li> <li>Unions and Intersections</li> </ul>	
174	Problem Solving— Reason Logically 14.8 Finite and Infinite Sets	646–651	<ul style="list-style-type: none"> <li>Review of Sets</li> <li>Cumulative Review of Word Problems</li> </ul>	<ul style="list-style-type: none"> <li>After testing anything by the Word of God, Christians can hold to that which is good</li> </ul>
175	Math & Scripture—Logic	652	<ul style="list-style-type: none"> <li>Quiz 4 (14.7–14.8)</li> </ul>	<ul style="list-style-type: none"> <li>Prime Truths</li> </ul>

Day	Topic	Pages	Support Materials	Bible Integration*
176	Chapter 14 Review	653-655	<ul style="list-style-type: none"> <li>• <a href="#">Mathardy: Ch. 14</a></li> <li>• <a href="#">Chapter 14 Review</a></li> <li>• <a href="#">Cumulative Review</a></li> </ul>	
177	<a href="#">Chapter 14 Test</a>			
178	Review for Final Exam			
179	Review for Final Exam			
180	<a href="#">Final Exam (Chapters 8-14)</a>			