Fundamentals of Math 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

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| Day | Topic | Pages | Support Materials | Bible Integration\* |
| **Chapter 1: Whole Numbers** | | | | |
| 1 | Introduction | viii–ix |  | * God created man to manage animals (Gen. 1:26) * Man is to love both God and his neighbor (Mark 12:30–31) |
| 2 | 1.1 Ordering and Rounding  Math in Use—Charles Lindbergh | 1–7 | Roman Numerals  Egyptian Numerals  Comparing Whole Numbers | * Man is to use nature to declare God’s greatness (Rom. 11:36) * God reveals mysteries and allows discovery (Dan. 2:21–22) * God commanded numbering OT men (Ex. 38:26; Num. 1; 26:51) |
| 3 | 1.2 Addition and Subtraction | 8–12 | Quiz 1 (1.1) | * A child of God is united with Christ (Rom. 8:17) |
| 4 | 1.3 Estimating Sums and Differences | 12–17 | Comparing, Estimating, and Adding Whole Numbers |  |
| 5 | 1.4 Multiplication and Division | 18–25 | Quiz 2 (1.2–1.3)  Calculator Skill I  Subdue the Earth  Select the Operations | * Grace and peace are multiplied to the believer (2 Pet. 1:2)\* * God commands man to subdue the earth (Gen. 1:28)\* |
| 6 | 1.5 Estimating Products and Quotients | 25–31 | Properties of Addition  Distributive Property  Properties of Multiplication |  |
| 7 | Problem Solving—Select the Operations | 32–33 | Quiz 3 (1.4–1.5) |  |
| 8 | 1.6 Properties of Numbers | 34–39 |  | * God’s Word is settled, dependable, and valuable (Psa. 119:89,105)\* |
| 9 | 1.7 Exponents | 39–43 | Quiz 4 (1.6)  Exponents |  |
| 10 | 1.8 Square Roots | 43–46 |  |  |
| 11 | 1.9 Order of Operations | 46–48 | Quiz 5 (1.7–1.8)  Order of Operations |  |
| 12 | Math & Scripture—Numbers in Bible Poetry | 49 | Quiz 6 (1.9) | * Prime Truths (Psa. 53:3) |
| 13 | Chapter 1 Review | 50–51 | Mathardy: Ch. 1  Chapter 1 Review  Chapter 1 Cumulative Review |  |
| 14 | Chapter 1 Test | | | |

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| **Chapter 2: Decimals** | | | | |
| 15 | 2.1 Writing Decimals | 52–58 | Decimal Place Value  Repeating Decimals | * Christians should be “salt” to the world, a healing and preserving influence (Matt. 5:13; Col. 4:6)\* |
| 16 | 2.2 Comparing and Rounding | 58–62 | Rounding Decimals  Rounding Decimal Quotients |  |
| 17 | 2.3 Addition and Subtraction | 63–66 | Quiz 1 (2.1–2.2)  Operations with Decimals |  |
| 18 | 2.4 Multiplication | 66–70 | Quiz 2 (2.3)  Multiplying Decimals |  |
| 19 | 2.5 Division | 70–75 | Curie, God, and Knowledge | * God’s knowledge is infinite (Rom. 11:33–36, Col. 2:3)\* * The Lord gives wisdom (Psa. 94:9–10; Prov. 2:3–6; 9:10)\* |
| 20 | 2.6 Estimating | 76–80 | Quiz 3 (2.4–2.5)  Estimating Sums |  |
| 21 | Problem Solving—Make a Table | 81–82 |  |  |
| 22 | 2.7 Square Roots | 83–86 |  |  |
| 23 | 2.8 Scientific Notation | 86–91 | Quiz 4 (2.6–2.7)  Multiplying and Dividing by Powers of Ten  Scientific Notation |  |
| 24 | Math in Use—Marie Curie  2.9 Operations in Scientific Notation | 92–97 | Calculator Skill 2 |  |
| 25 | Math & Scripture—Tithing | 98 | Quiz 5 (2.8–2.9) | * Prime Truths (Mal. 3:10) |
| 26 | Chapter 2 Review | 99–101 | Mathardy: Ch. 2  Chapter 2 Review  Chapter 2 Cumulative Review |  |
| 27 | Chapter 2 Test | | | |

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| **Chapter 3: Number Theory** | | | | |
| 28 | 3.1 Factors and Multiples | 102–108 | Calculator Skill 3 | * Christians should seek wisdom (Prov. 4:7; Eccles. 7:25) |
| 29 | 3.2 Divisibility | 108–111 | Divisibility |  |
| 30 | 3.3 Prime Numbers | 111–115 | Quiz 1 (3.1–3.2)  Prime Numbers and Prime factorization | * Christ is our foundation (Col. 2:7; Eph. 2:19–22) |
| 31 | Math in Use—Jesus  3.4 Greatest Common Factor | 116–120 | The Euclidean Algorithm | * All things were made by Christ (Jn. 1:3; 6:9–14; 8:58) * Christ paid for our sins on the cross (Luke 23:46; Isa. 53:5–6) |
| 32 | 3.5 Least Common Multiple | 120–125 | Quiz 2 (3.3–3.4)  GCF and LCM  Problems with GCF and LCM |  |
| 33 | Problem Solving—Guess and Check |  | Guess and Check |  |
| 34 | 3.6 Bases | 126–128 | Number Bases |  |
| 35 | 3.7 Hexadecimal | 128–131 | Quiz 3 (3.5–3.6)  Studying Creation | * The heavens declare the glory of God (Psa. 19:1; Rom. 1:16–20)\* * Man should glory in God (Jer. 9:24)\* |
| 36 | 3.8 Working with Bases | 132–136 | Further Practice with Number Bases |  |
| 37 | 3.9 Number Patterns | 136–139 | Quiz 4 (3.7–3.8) |  |
| 38 | Math & Scripture—Hebrew Calendar | 140 | Quiz 5 (3.9) | * Prime Truths (Titus 2:13) |
| 39 | Chapter 3 Review | 141–143 | Mathardy: Ch. 3  Chapter 3 Review  Chapter 3 Cumulative Review |  |
| 40 | Chapter 3 Test | | | |

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| **Chapter 4: Fractions** | | | | |
| 41 | 4.1 Fractions and Mixed Numbers | 144–151 |  | * Bible fractions are common (Gen. 41:34; Ex. 16:36; 24:6) * Knowledge (light) aids our communication of the gospel (Matt. 5:16) |
| 42 | 4.2 Equivalent Fractions | 151–155 | How Does God Reveal Himself?  Number Theory Terms | * God is revealed in Scripture (Isa. 45:22; Lam. 3:22; Ex. 25)\* * God is revealed in Christ (Matt. 9)\* * God is revealed in creation (Gen. 1:31; Rom.1:20)\* |
| 43 | 4.3 Comparing and Ordering | 155–160 | Quiz 1 (4.1–4.2)  Comparing Fractions  Fraction Manipulatives |  |
| 44 | Problem Solving—Find a Pattern  4.4 Adding Fractions | 161–167 | Adding Fractions  Fraction Manipulatives |  |
| 45 | 4.5 Subtracting Fractions | 167–170 | Quiz 2 (4.3–4.4)  Adding and Subtracting Fractions |  |
| 46 | 4.6 Adding and Subtracting Mixed Numbers | 170–174 | Word Problems with Mixed Numbers  Fraction Manipulatives |  |
| 47 | 4.7 Multiplying Fractions | 175–178 | Quiz 3 (4.5–4.6)  Multiplying Fractions |  |
| 48 | 4.8 Dividing Fractions | 178–181 | Calculator Skill 4  Fraction Manipulatives |  |
| 49 | 4.9 Multiplying and Dividing Mixed Numbers | 182–187 | Quiz 4 (4.7–4.8)  Complex Fractions  Applying Mixed Numbers | * Soft music can relax the hearer (1 Sam. 16:23) |
| 50 | Math in Use—Fannie Farmer  4.10 Order of Operations | 188–191 |  |  |
| 51 | Math & Scripture—Fractions | 192 | Quiz 5 (4.9–4.10) | * Prime Truths (Heb. 7:4) |
| 52 | Chapter 4 Review | 193–195 | Mathardy: Ch. 4  Chapter 4 Review  Chapter 4 Cumulative Review |  |
| 53 | Chapter 4 Test | | | |

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| **Chapter 5: Forms of Rational Numbers** | | | | |
| 54 | 5.1 Rational Numbers | 196–202 |  | * God is the Master Designer (Gen. 1:27; Jer. 1:5; Isa. 43:7) * Glorifying God is our ultimate responsibility (1 Cor. 10:31)\* |
| 55 | 5.2 Ratio and Rate | 202–206 | Unit Pricing | * God directed Gideon to reduce his army (Judges 6–8) * Rates are mentioned in the Bible (1 Kings 10:25; 2 Kings 25:30) |
| 56 | 5.3 Proportions | 207–211 | Quiz 1 (5.1–5.2)  Proportion  Ratio and Proportion |  |
| 57 | Problem Solving—Estimate an Answer  5.4 Scale Drawing | 212–219 | *Titanic* and God | * Man’s pride brings destruction (Gen. 1:1–9; Prov. 16:18)\* * God is faithful to all generations (Psa. 119:90)\* |
| 58 | 5.5 Decimals and Rational Numbers | 220–225 | Quiz 2 (5.3–5.4)  Renaming Decimals as Fractions |  |
| 59 | Math in Use—Aaron  5.6 Percent | 226–232 | Proportion and Percent  Percents and Decimals  Percents and Fractions | * Sin brings judgment from God (Lev. 10:1–2; Num. 16) |
| 60 | 5.7 Finding the Part | 232–237 | Quiz 3 (5.5–5.6) |  |
| 61 | 5.8 Finding the Percent | 237–241 | Calculator Skill 5 |  |
| 62 | 5.9 Finding the Whole | 241–243 | Percent: Mixed Review |  |
| 63 | Math & Scripture—Ratios | 244 | Quiz 4 (5.7–5.9) | * Prime Truths (Prov. 9:10) |
| 64 | Chapter 5 Review | 245–247 | Mathardy: Ch. 5  Chapter 5 Review  Chapter 5 Cumulative Review |  |
| 65 | Chapter 5 Test | | | |

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| **Chapter 6: Using Percents** | | | | |
| 66 | 6.1 Enlargement and Reduction | 248–253 | Percents in Action  Finding Percents  Growth of the Nation Israel | * A steward is required to be faithful (1 Cor. 4:2) * God fulfilled His promise that Abraham’s seed would increase greatly (Gen. 15; 22; Num. 1)\* |
| 67 | Problem Solving—Identify Useful Information | 254–255 |  |  |
| 68 | 6.2 Discounts | 256–259 |  |  |
| 69 | 6.3 Sales Tax | 260–264 | Quiz 1 (6.1–6.2)  Calculator Skill 6  Sales Tax | * Christians have a responsibility to pay taxes (Matt. 17:24–27) |
| 70 | 6.4 Simple Interest  Math in Use—Charles Drew | 264–268 | Simple Interest | * Use God’s gifts to you in His service (Luke 19) * Charging excessive interest is prohibited (Deut. 23:19–20)\* |
| 71 | 6.5 Commission | 269–272 | Quiz 2 (6.3–6.4) |  |
| 72 | 6.6 Percent Change | 272–276 | Quiz 3 (6.5)  Finding Percents  Using Percents |  |
| 73 | Math & Scripture—Multiplication and Division | 277 | Quiz 4 (6.6) | * Prime Truths (Psa. 19:1) |
| 74 | Chapter 6 Review | 278–279 | Mathardy: Ch. 6  Chapter 6 Review  Chapter 6 Cumulative Review |  |
| 75 | Chapter 6 Test | | | |

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| **Chapter 7: Measurement** | | | | |
| 76 | 7.1 Customary Units of Length | 280–286 |  | * Now is the time to make wise spiritual decisions (2 Cor. 6:2; James 4:14) * Jesus is the way of salvation (John 14:6) |
| 77 | 7.2 Customary Units of Capacity and Weight | 287–290 | Customary Unit Conversions |  |
| 78 | 7.3 Units of Time | 290–294 | Quiz 1 (7.1–7.2)  Elapsed Time | * Man is subject to time (Eccl.3:1) |
| 79 | 7.4 Metric Units | 294–299 | Calculator Skill 7  Mass  Vacation to Canada  Metric Units of Length |  |
| 80 | 7.5 Converting Metric Units | 299–303 | Quiz 2 (7.3–7.4)  Renaming Metric Units | * Salvation requires conversion (Matt. 18:3; Rom. 6:23) |
| 81 | Math in Use—Noah  7.6 Precision | 304–309 | Measurements of Bible Times | * The cubit and furlong were biblical measures of distance (Gen. 6:15; Ex. 37:1; Deut. 3:11; Rev. 21:16–17)\* * The Flood illustrates that sin results in death (1 Pet. 3:20; Matt. 24:37–39)\* |
| 82 | Problem Solving—Draw a Diagram | 310–311 | Quiz 3 (7.5–7.6) |  |
| 83 | 7.7 Time Zones | 312–316 | Time Zones |  |
| 84 | 7.8 Temperature | 316–321 |  |  |
| 85 | Math & Scripture—Measuring with Cubits | 322 | Quiz 4 (7.7–7.8) | * Prime Truths (Matt. 6:27) |
| 86 | Chapter 7 Review | 323–325 | Mathardy: Ch. 7  Chapter 7 Review  Chapter 7 Cumulative Review |  |
| 87 | Chapter 7 Test | | | |
| 88 | Review for Final Exam | | | |
| 89 | Review for Final Exam | | | |
| 90 | Final Exam (Chapters 1–7) | | | |

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| **Chapter 8: Introduction to Geometry** | | | | |
| 91 | 8.1 Basic Geometric Figures | 326–332 | Measuring Angles  Math and Creation | * Christ created all (Col. 1:16) * Creation reveals God’s glory and handiwork (Psa. 19:1)\* |
| 92 | 8.2 Pairs of Angles | 333–337 | Lines and Angles |  |
| 93 | Problem Solving—Work Backwards | 338–339 | Working Backwards | * Prove all things (1 Thess. 5:21)\* |
| 94 | 8.3 Polygons | 340–346 | Quiz 1 (8.1–8.2) |  |
| 95 | 8.4 Triangles and Quadrilaterals | 346–351 | Triangles |  |
| 96 | 8.5 Pythagorean Theorem | 351–354 | Quiz 2 (8.3–8.4)  The Pythagorean Thm. by Dissection  Calculator Skill 8 |  |
| 97 | 8.6 Perimeter | 355–358 | Quiz 3 (8.5)  Perimeter |  |
| 98 | 8.7 Circles and Circumference  Math in Use—Hiram | 358–364 | Circles and Quadrilaterals | * Hiram used his talents to serve God (1 Kings 7:14, 40) * The temple pointed to Christ (Heb. 8:5; 10:1,12,14)\* |
| 99 | 8.8 Congruent Figures | 365–368 | Quiz 4 (8.6–8.7) |  |
| 100 | 8.9 Similar Figures | 369–376 | Geometry Terms |  |
| 101 | Math & Scripture—Hiram’s Molten Sea | 377 | Quiz 5 (8.8–8.9) | * Prime Truths (1 Kings 7:26) |
| 102 | Chapter 8 Review | 378–381 | Mathardy: Ch. 8  Chapter 8 Review  Chapter 8 Cumulative Review |  |
| 103 | Chapter 8 Test | | | |

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| **Chapter 9: Area and Volume** | | | | |
| 104 | 9.1 Areas of Rectangles and Squares | 382–388 | Problems with Area | * Planning is a crucial part of a building project (Luke 14:28–30) * Successful building relies on a sure foundation (Matt. 7:24–27)\* |
| 105 | 9.2 Areas of Parallelograms and Triangles | 388–392 | Areas |  |
| 106 | 9.3 Areas of Trapezoids | 393–396 | Quiz 1 (9.1–9.2) |  |
| 107 | Math in Use—Jokichi Takamine  9.4 Areas of Circles | 397–402 | Areas of Circles |  |
| 108 | 9.5 Areas of Similar Figures | 402–405 | Quiz 2 (9.3–9.4)  The Heavens | * As we consider the heavens, we should praise God (Psa. 8)\* |
| 109 | Problem Solving—Reduce to a Simpler Problem | 406–407 | Quiz 3 (9.5)  Solve a Simpler Word Problem | * God breathed life into His creatures (Col. 1:17)\* |
| 110 | 9.6 Surface Area | 408–414 | 3-D Figures  Surface Area  Nets |  |
| 111 | 9.7 Volumes of Prisms | 414–418 | Volumes |  |
| 112 | 9.8 Surface Area and Volume of Circular Cylinders | 418–421 | Quiz 4 (9.6–9.7)  Derived Areas and Volumes  Calculator Skill 9 |  |
| 113 | Math & Scripture—Measuring Objects | 422 | Quiz 5 (9.8) | * Prime Truths (Deut. 25:15) |
| 114 | Chapter 9 Review | 423–425 | Mathardy: Ch. 9  Chapter 9 Review  Chapter 9 Cumulative Review |  |
| 115 | Chapter 9 Test | | | |

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| **Chapter 10: Probability and Statistics** | | | | |
| 116 | 10.1 Fundamental Principle of Counting | 426–434 |  | * God is in control of everything, even the casting of lots (Jonah 1:7; Prov. 16:33; Matt. 27:35) |
| 117 | 10.2 Permutations | 435–439 |  |  |
| 118 | 10.3 Probability | 439–443 | Quiz 1 (10.1–10.2) |  |
| 119 | Math in Use—Joshua | 444 | Quiz 2 (10.3) | * Lots were used in the Bible to make decisions (Acts 1:26; Lev. 16:8–10; Joshua 18:10) |
| 120 | 10.4 Descriptive Measures | 445–449 | Survey Project  Calculator Skill 10  Range, Mode, Median, Mean  Statistics and Scripture | * Christians are to discern truth from error (Rom. 12:2; Isa. 7:15; Ezek. 44:23; Prov. 28:5; Ezra 10:16; Matt. 10:16)\* |
| 121 | 10.5 Circle Graphs | 449–453 | Circle Graphs |  |
| 122 | 10.6 Bar and Line Graphs | 453–459 | Quiz 3 (10.4–10.5)  Bar and Line Graphs |  |
| 123 | 10.7 Histograms | 460–465 |  |  |
| 124 | Problem solving—Persuade with Data | 466–468 | Quiz 4 (10.6–10.7)  Using Statistics to Persuade | * Persuasion can be used for good or for evil (Matt. 27:20; Acts 13:43) |
| 125 | 10.8 Diagramming Data | 469–474 | Statistics with Graphs and Diagrams |  |
| 126 | Math & Scripture—Probability | 475 | Quiz 5 (10.8) | * Prime Truths (Joshua 1:6) |
| 127 | Chapter 10 Review | 476–479 | Mathardy: Ch. 10  Chapter 10 Review  Chapter 10 Cumulative Review |  |
| 128 | Chapter 10 Test | | | |

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| **Chapter 11: Integers** | | | | |
| 129 | 11.1 Comparing | 480–485 |  | * Jesus forgives sin debt, whether large or small (Luke 7:41–47) |
| 130 | 11.2 Absolute Value | 485–488 | Comparing Integers and Absolute Value |  |
| 131 | 11.3 Addition | 488–492 | Quiz 1 (11.1–11.2)  Reasonable Witnessing  Algebra Mat | * Christians are to be ready to give a reason for our hope to all (I Pet. 3:15; Rom. 1:16; 10:9)\* |
| 132 | 11.4 Subtraction | 493–495 | Adding and Subtracting Integers  Algebra Mat |  |
| 133 | 11.5 Multiplication | 496–499 | Quiz 2 (11.3–11.4)  Algebra Mat |  |
| 134 | 11.6 Division  Math in Use—Abraham | 499–503 | Integer Applications  Multiplying and Dividing Integers | * Abraham believed and obeyed God (Rom. 4:3) * God desires for you to have faith like Abraham (Heb. 11:8–19) |
| 135 | 11.7 Integer Operations | 504–507 | Quiz 3 (11.5–11.6)  Modular Arithmetic  Calculator Skill 11  Operations with Integers |  |
| 136 | Problem Solving—Multiple Steps | 508–509 | Quiz 4 (11.7)  Using Multiple Steps |  |
| 137 | 11.8 Real Numbers | 510–514 |  |  |
| 138 | Math & Scripture—Addition and Subtraction | 515 | Quiz 4 (11.8) | * Prime Truths (Acts 2:41) |
| 139 | Chapter 11 Review | 516–517 | Mathardy: Ch. 11  Chapter 11 Review  Chapter 11 Cumulative Review |  |
| 140 | Chapter 11 Test | | | |

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| **Chapter 12: Introduction to Algebra** | | | | |
| 141 | 12.1 Variables and Expressions | 518–523 | Day of Atonement | * Young people need to mature (Heb. 5:12–14 * Christ’s atoning work did away with OT Day of Atonement (Jn. 19:30; Lev. 16:29–34; Heb. 9)\* |
| 142 | 12.2 Evaluating Expressions | 523–525 | Evaluating Expressions |  |
| 143 | 12.3 Writing Expressions | 526–530 | Quiz 1 (12.1–12.2)  Using Algebraic Expressions  Writing Algebraic Expressions |  |
| 144 | 12.4 Writing Equations | 530–533 |  | * Jesus is equal to God (John 5:18; Phil. 2:6) * The Bible uses “equal” (Ezek. 45:14; Psa. 55:13; Matt. 20:12; Luke 20:34–36; Rev. 21:16)\* |
| 145 | Math in Use—Wernher von Braun | 534–535 | Quiz 2 (12.3–12.4) |  |
| 146 | 12.5 Solving Equations Involving Addition and Subtraction | 536–539 | Solving Addition and Subtraction Equations |  |
| 147 | 12.6 Solving Equations Involving Multiplication and Division | 540–543 | Quiz 3 (12.5)  Calculator Skill 12  Solving Multiplication and Division Equations |  |
| 148 | 12.7 Solving Two–Step Equations | 543–547 | Quiz 4 (12.6)  Formulas for Figurate Number Patterns  Solving Two–Step Equations  Writing and Solving Equations |  |
| 149 | Problem Solving—Apply Algebra | 548–549 | Quiz 5 (12.7) |  |
| 150 | 12.8 Inequalities | 550–553 |  |  |
| 151 | 12.9 Solving Inequalities | 553–556 |  |  |
| 152 | Math & Scripture—Variables | 557 | Quiz 6 (12.8–12.9) | * Prime Truths (John 8:34) |
| 153 | Chapter 12 Review | 558–559 | Mathardy: Ch. 12  Chapter 12 Review  Chapter 12 Cumulative Review |  |
| 154 | Chapter 12 Test | | | |

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| **Chapter 13: Relations and Functions** | | | | |
| 155 | 13.1 The Coordinate Plane | 560–566 | Graphs from Experimental Ordered Pairs  Coordinate Plane | * If a young person inputs Bible principles into his life, then his life’s output will please God |
| 156 | 13.2 Relations | 566–570 | Quiz 1 (13.1)  Calculator Skill 13 |  |
| 157 | 13.3 Functions | 570–575 | Identifying Functions |  |
| 158 | 13.4 Function Rules | 575–579 | Quiz 2 (13.2–13.3)  Function Rules |  |
| 159 | Math in Use—Elisha Otis  13.5 Graphing Linear Functions | 580–586 | Graphing Linear Functions |  |
| 160 | Problem Solving—Predict with Graphs | 587–588 | Quiz 3 (13.4–13.5)  Using Graphs to Predict |  |
| 161 | 13.6 Slope | 589–595 | Functions in the Bible | * The life spans of OT patriarchs can be graphed as a function of generation (Gen. 5, 9, 11, 25)\* |
| 162 | 13.7 Translations | 595–603 |  |  |
| 163 | Math & Scripture—Functions | 604 | Quiz 4 (13.6–13.7) | * Prime Truths (1 Peter 3:15) |
| 164 | Chapter 13 Review | 605–607 | Mathardy: Ch. 13  Chapter 13 Review  Chapter 13 Cumulative Review |  |
| 165 | Chapter 13 Test | | | |

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| **Chapter 14: Logic and Set Theory** | | | | |
| 166 | 14.1 Simple Statements | 608–615 | Calculator Skill 14 | * Sound reasoning characterized Paul’s ministry (Acts 18:4; 19:8) * Christ exemplified reasoning and logic (Isa. 1:18; Matt. 12:22–30; Luke 20:21–44)\* |
| 167 | 14.2 Compound Statements | 615–621 |  |  |
| 168 | 14.3 Conditional Statements | 622–626 | Quiz 1 (14.1–14.2)  Statements and Negations |  |
| 169 | 14.4 Reasoning | 626–632 | Logic | * God and His Word are truth (Psa. 119:142; Isa. 25:1; John 14:6; 15:26; 17:17) * Paul’s arguments are logical (Rom. 5:17–19; 8:10,13; 11:24)\* |
| 170 | Math in Use—Paul | 633 | Quiz 2 (14.3–14.4) | * Paul emphasized the power of God over human reasoning (1 Cor. 1:17–18; 2:5) * Paul’s practice was to reason out of the Scriptures (Acts17:2) * Christians should be dead to sin (Rom. 6:1–14)\* |
| 171 | 14.5 Sets | 634–637 |  |  |
| 172 | 14.6 Subsets | 637–641 | Subsets |  |
| 173 | 14.7 Union and Intersection | 641–645 | Quiz 3 (14.5–14.6)  Venn Diagrams to Test for Valid Arguments  Unions and Intersections |  |
| 174 | Problem Solving—Reason Logically  14.8 Finite and Infinite Sets | 646–651 | Review of Sets  Cumulative Review of Word Problems | * After testing ideas by the Word of God, Christians can hold on to them firmly (1 Thess. 5:21) |
| 175 | Math & Scripture—Logic | 652 | Quiz 4 (14.7–14.8) | * Prime Truths (John 16:13a) |
| 176 | Chapter 14 Review | 653–655 | Mathardy: Ch. 14  Chapter 14 Review  Chapter 14 Cumulative Review |  |
| 177 | Chapter 14 Test | | | |
| 178 | Review for Final Exam | | | |
| 179 | Review for Final Exam | | | |
| 180 | Final Exam (Chapters 7–13) | | | |