

TABLE OF CONTENTS

Introduction to Exploring Creation with Mathematics, Level 3 9

Unit 1: Addition and Subtraction Up to 1000 11

Seeing Our Creator in the Math We Learn 11

Chapter 1: Numbers to 1000. 13

Lesson 1: Place Value 14

Lesson 2: Rounding to Tens. 17

Lesson 3: Rounding to Hundreds. 20

Lesson 4: More Rounding Practice. 23

Lesson 5: Number Lines 25

Lesson 6: Comparing Numbers. 29

Chapter 1 Mixed Review 32

Chapter 2: Adding and Subtracting Within 1000 33

Lesson 7: Estimating Sums. 34

Lesson 8: Adding Three-Digit Numbers in Expanded Form 38

Lesson 9: Adding Three-Digit Numbers in the Vertical Format (Part One) 43

Lesson 10: Adding Three-Digit Numbers in the Vertical Format (Part Two). 46

Lesson 11: Estimating Differences 50

Lesson 12: Subtracting Three-Digit Numbers in the Vertical Format (Part One) 54

Lesson 13: Subtracting Three-Digit Numbers in the Vertical Format (Part Two). 58

Lesson 14: Three-digit Subtraction Review. 61

Lesson 15: Addition and Subtraction Word Problems. 63

Lesson 16: Two-Step Word Problems 67

Chapter 2 Mixed Review 71

Unit 1 Project: Setting Up Your Lemonade Stand 72

Unit 2: Multiplication. 75

Seeing Our Creator in Multiplication. 75

Chapter 3: Introduction to Multiplication. 77

Lesson 17: Equal Groups. 78

Lesson 18: Skip Counting 80

Lesson 19: Multiplying Using the Number Line 83

Lesson 20: Arrays. 86

Lesson 21: Introduction to Multiplication 89

Lesson 22: Commutative Property 93

Lesson 23: Multiplying by One and Zero 95

Lesson 24: Reviewing Multiplication. 97

Chapter 3 Mixed Review 100

Chapter 4: Multiplication Facts and Practice	101
Lesson 25: Multiplying by 2	102
Lesson 26: Multiplying by 10	106
Lesson 27: Multiplying by 5	108
Lesson 28: Multiplying by 3	111
Lesson 29: Multiplying by 4	114
Lesson 30: Multiplication Fact Practice	116
Lesson 31: Multiplication Battleship Game	118
Chapter 4 Mixed Review	119
Unit 2 Project: Selling Your Lemonade	120

Unit 3: Division 123

Seeing Our Creator in Division 123

Chapter 5: Introduction to Division . . . 125

Lesson 32: Dividing M&M's	126
Lesson 33: Division by Drawing and Circling Groups	128
Lesson 34: Division Using Repeated Subtraction	132
Lesson 35: Bar Models	136
Lesson 36: Arrays	141
Lesson 37: Dividing by Zero and One	145
Lesson 38: Reviewing Division	148
Chapter 5 Mixed Review	150

Chapter 6: Division Facts and Practice 151

Lesson 39: Multiplication and Division are Related	152
Lesson 40: Divide by 2	155
Lesson 41: Divide by 10	158
Lesson 42: Divide by 5	160
Lesson 43: Divide by 3	163
Lesson 44: Divide by 4	167
Lesson 45: Division Fact Review	169
Chapter 6 Mixed Review	170
Unit 3 Project: Poster Review	171

Unit 4: Data and Measurement 173

Seeing Our Creator in Order 173

Chapter 7: Data and Measurement 175

Lesson 46: Picture Graphs and Bar Graphs	176
Lesson 47: More Picture Graphs and Bar Graphs	181
Lesson 48: Line Graphs	184
Lesson 49: Time to the Minute	187
Lesson 50: Time Intervals (Part One)	190
Lesson 51: Time Intervals (Part Two)	193
Lesson 52: Liquid Volume in Liters	197
Lesson 53: Liquid Volume in Standard Units	199
Lesson 54: Weight	201
Chapter 7 Mixed Review	203
Unit 4 Project: Birds of My Backyard	205

Unit 5: More Multiplication and Division207

Seeing Our Creator in Math Facts.207

Chapter 8: More Multiplication209

Lesson 55: Multiply by 6 210

Lesson 56: Multiply by 7 213

Lesson 57: Multiply by 8 216

Lesson 58: Multiply by 9 218

Lesson 59: Multiplication Word Problems. 221

Lesson 60: Multiplication Review 224

Lesson 61: Two-Step Word Problems 225

Chapter 8 Mixed Review 228

Chapter 9: More Division.229

Lesson 62: Divide by 6 230

Lesson 63: Divide by 7 232

Lesson 64: Divide by 8 235

Lesson 65: Divide by 9 237

Lesson 66: Mixed Word Problems. 239

Lesson 67: Two-Step Word Problems 242

Lesson 68: Division Review. 245

Chapter 9 Mixed Review 246

Unit 5 Project: Sports Program Manager 247

Unit 6: Fractions249

Seeing Our Creator in Fractions 249

Chapter 10: Introduction to Fractions 251

Lesson 69: Parts of a Whole. 252

Lesson 70: Unit Fractions 255

Lesson 71: Fractions. 257

Lesson 72: Fractions on a Number Line . . 260

Lesson 73: Fractions of a Group 262

Lesson 74: Fractions Greater Than 1 265

Lesson 75: Fraction Word Problems 268

Chapter 10 Review 270

Chapter 11: Compare Fractions. 271

Lesson 76: Compare Unit Fractions 272

Lesson 77: Compare Fractions with Like Denominators 274

Lesson 78: Compare Fractions with Like Numerators 276

Lesson 79: Compare and Order Fractions 278

Lesson 80: Equivalent Fractions 280

Lesson 81: Fraction Review 282

Chapter 11 Mixed Review 284

Unit 6 Project: Fraction Pizza Box 285

Unit 7: Geometry 287

Seeing Our Creator in Hexagons 287

Chapter 12: Perimeter and Area 289

Lesson 82: Introduction to Perimeter	290
Lesson 83: Perimeter Exploration	293
Lesson 84: Measuring Perimeter	294
Lesson 85: Find a Missing Side	296
Lesson 86: Perimeter Review	289
Lesson 87: Introduction to Area.	300
Lesson 88: Area Exploration.	302
Lesson 89: Measuring Area	304
Lesson 90: Area of Rectangles	306
Lesson 91: Area of Combined Rectangles.	308
Lesson 92: Area and Perimeter Problem Solving.	311
Chapter 12 Mixed Review	314

Chapter 13: Polygons 315

Lesson 93: Polygons.	316
Lesson 94: Angles.	318
Lesson 95: Right Angles.	321
Lesson 96: Triangles (Part One).	323
Lesson 97: Triangles (Part Two)	326
Lesson 98: Quadrilaterals (Part One).	329
Lesson 99: Quadrilaterals (Part Two)	332
Lesson 100: Circles	334
Chapter 13 Mixed Review	337
Unit 7 Project: Design a Bird Sanctuary	338