

Table of Contents

1 Preparing for Level 4

Start Here!	7
Is Your Student in the Right Level?	9
Gather the Materials	13
The <i>All About Math</i> Method	15
Preview the Teacher’s Manual	17
Math Reflections and Dialogue	19
Preview the Activity Book	21
Learn about the Manipulatives	25
Preview <i>Oxley’s Math Tools</i>	27
How Much Time Should I Spend on Math?	29

2 Complete Step-by-Step Lesson Plans

Lesson 1: Review Larger Numbers, Multiplication, and Division	33
Lesson 2: Review Fractions	43
Lesson 3: Representing Fractions with Models	53
Lesson 4: Comparing Fractions with Images	63
Lesson 5: Ordering Fractions with the Same Denominator	73
Lesson 6: Ordering Fractions with the Same Numerator	87
Lesson 7: Representing Equivalent Fractions	99
Lesson 8: Relating Fractions to Benchmarks	111
Lesson 9: Finding Equivalent Fractions by Using Multiples	123
Lesson 10: Using Common Denominators to Compare Fractions	135
Lesson 11: Putting Fractions in Order	147
Lesson 12: Show What You Know! 1: Fractions	159
Lesson 13: Connecting Base-10 to Tenths and Hundredths	171
Lesson 14: Understanding Fractions as Decimals	183
Lesson 15: Writing Decimals from Another Representation	195
Lesson 16: Representing and Identifying Equivalent Fractions and Decimals	207
Lesson 17: Investigate the Place Value Relationship for Decimals	219
Lesson 18: Expressing the Values of Decimals	231
Lesson 19: Locating Decimals on a Number Line	243
Lesson 20: Rounding with Decimals	255
Lesson 21: Comparing Decimals by Using a Number Line	265
Lesson 22: Ordering Decimals	277
Lesson 23: Show What You Know! 2: Fractions and Decimals	289
Lesson 24: Multiplying Multi-Digit Numbers by a One-Digit Number	303
Lesson 25: Multiplying Two-Digit Numbers	315
Lesson 26: Dividing Multi-Digit Numbers	327
Lesson 27: Dividing Multi-Digit Numbers with Remainders	339

Lesson 28: Solving Story Problems Using Division	349
Lesson 29: Multiplying Unit Fractions by a Whole Number	359
Lesson 30: Understanding Products of Whole Numbers and Fractions.	369
Lesson 31: Adding Fractions	379
Lesson 32: Subtracting Fractions	389
Lesson 33: Finding the Sum of Tenths and Hundredths.	399
Lesson 34: Show What You Know! 3: Partial Products and Quotients, Fraction Sums and Differences	407
Lesson 35: Understanding Lines, Line Segments, and Rays	423
Lesson 36: Measuring Angles	435
Lesson 37: Patterns that Repeat.	447
Lesson 38: Creating Number Patterns	459
Lesson 39: Understanding Comparing with Multiplication	469
Lesson 40: Solving Comparison Problems with Multiplication	479
Lesson 41: Solving Problems with Many Operations.	491
Lesson 42: Show What You Know! 4: Putting It All Together	501

3 Appendices

Appendix A: Scope and Sequence of Level 4	523
Appendix B: Spinner Instructions	527
Appendix C: Guidelines for Using Manipulatives and Drawings	529
Appendix D: Multiplication Table Answer Key	531
Appendix E: Classifying Shapes Answer Key	533
Appendix F: 3 Reads Strategy	535
Appendix G: Units of Measurement Glossary	537
Appendix H: Glossary.	541

4 Index	Index for Level 4	545
---------	-----------------------------	-----