



This course focuses on the numbers and operations typically included in a math curricula for grades 4-6, but provides educators with enough flexibility to use it above or below the recommended grade range. Students investigate how mathematical issues arise out of real-life situations. Within motivational contexts, students work through tutorials designed around 127 learning objectives in Numbers and Number Sense, Operations with Numbers, Fractions, Decimals, Geometry, and Data Analysis and Probability.

Destination Math[®]

Mastering Skills & Concepts III: Intermediate Mathematics **grades 4-6**

Scope and Sequence

1 NUMBERS AND NUMBER SENSE

- 1.1 Large and Small Numbers
 - Whole Numbers to One Million
 - Ordering and Rounding Whole Numbers
 - Negative Whole Numbers
- 1.2 Numbers as Factors
 - Finding Factors
 - Prime and Composite Numbers
 - Identifying Common Factors

2 OPERATIONS WITH NUMBERS

- 2.1 Addition and Subtraction of Whole Numbers
 - Whole Number Sums
 - Differences Between Large Numbers
- 2.2 The Integers
 - Integer Sums
 - Differences Between Integers
- 2.3 Multiplication and Division of Whole Numbers
 - Two-digit Multipliers
 - Introduction to Long Division
 - Two-digit Divisors

3 FRACTIONS

- 3.1 Proper and Improper Fractions
 - Proper Fractions
 - Improper Fractions
 - Equivalent Fractions
 - Ordering and Rounding Fractions
- 3.2 Addition and Subtraction
 - Sums involving Like Denominators
 - Differences involving Like Denominators
 - Working with Unlike Denominators
- 3.3 Multiplication and Division
 - Finding Products
 - Quotients and Remainders

4 DECIMALS

- 4.1 Introduction
 - Tenths, Hundredths, and Thousandths
 - Ordering and Rounding
 - Ratios, Decimals, and Percents
- 4.2 Addition and Subtraction
 - Adding Decimals
 - Subtracting Decimals
- 4.3 Multiplication and Division
 - Multiplying Decimals
 - Dividing Decimals by Whole Numbers

5 GEOMETRY

- 5.1 Measurement
 - Lines, Angles, and Circles
 - Rectangles and Squares
 - Triangles
 - Parallelograms and Trapezoids
- 5.2 Coordinate Geometry and Algebra
 - The Coordinate Plane
 - Symmetry and Transformations

6 DATA ANALYSIS AND PROBABILITY

- 6.1 Modeling and Displaying Events
 - Displaying and Analyzing Data
 - Looking at Chance