



Designed for nonreaders, this course lays a solid mathematical foundation as students learn important math concepts and skills that they'll need to understand the world around them. In 30 sessions, they count from 1 to 100, identify shapes, add and subtract, compare and order numbers, and explore the concepts of money and time.

# Destination Math<sup>®</sup>

## Mastering Skills & Concepts I: Pre-Primary Mathematics **grades K-1**

### Scope and Sequence

#### 1 NUMBER SENSE

- 1.1 Numbers from 1 to 5
  - Counting from 1 to 5
  - Creating sets of 1 to 5
  - Creating representations of the numbers from 1 to 5
- 1.2 Numbers from 1 to 10
  - Counting from 5 to 10
  - Creating sets of 5 to 10
  - Creating representations of the numbers from 5 to 10
  - One More Than
  - One Fewer Than and Zero
- 1.3 Numbers to 100
  - Counting from 10 to 20
  - Counting from 20 to 50
  - Counting from 50 to 100
  - Skip-Counting by Tens and Fives
  - Skip-Counting by Twos
- 1.4 Comparing and Ordering
  - More Than, Less Than, or the Same
  - Comparing Numbers within 100

#### 2 ADDITION AND SUBTRACTION

- 2.1 Addition
  - Combining and Joining within 10
  - Comparing within 10
  - Sums within 20, with 10 as one addend
  - Sums within 20
- 2.2 Subtraction
  - Differences within 10
  - Differences within 20

#### 3 GEOMETRY AND MEASUREMENT

- 3.1 Measurement
  - Length
  - Weight
  - Clock and Calendar Time
  - Money
- 3.2 Geometry
  - Triangles and Rectangles
  - Three-dimensional shapes

#### 4 ALGEBRAIC THINKING

- 4.1 Patterns and Displays
  - Shapes
  - Number Patterns
  - Tables and Graphs



Students continue their journey with mathematics in this course. Building upon what they have learned in *Mastering Skills & Concepts I*, students practice place value, rounding, fractions, planes and solid figures, addition, subtraction, multiplication, and division. In addition, they hone their skills by measuring time, money, and temperature.

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## Mastering Skills & Concepts II: Primary Mathematics **grades 2-3**

### Scope and Sequence

#### 1 NUMBER SENSE

- 1.1 Numbers to 999
  - Counting by Grouping
  - Place Value: Tens and Ones
  - Place Value: Hundreds, Tens, and Ones
  - Expanded Forms and Equivalent Representations of a Number
  - Comparing and Ordering
- 1.2 Numbers to 9,999
  - Place Value: Thousand, Hundreds, Tens, and Ones
  - Comparing and Ordering

#### 2 OPERATIONS WITH NUMBERS

- 2.1 Addition and Subtraction
  - Sums Less than 100
  - Estimating and Finding Sums Less than 1,000
  - Differences within 100
  - Estimating and Finding Differences within 1,000
  - Estimating and Finding Differences within 9,999
- 2.2 Multiplication
  - Repeated Additions and Arrays
  - Skip Counting to Show Multiplication
  - Finding Products Less than 100
- 2.3 Division
  - Meaning of Division
  - Dividing by a 1-digit number
  - Fractional Parts

#### 3 GEOMETRY AND MEASUREMENT

- 3.1 Geometry
  - Area
  - Volume
- 3.2 Measurement
  - Time
  - Money
  - Temperature

#### 4 ALGEBRAIC THINKING

- 4.1 Properties and Relationships
  - Number Patterns and Properties



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.

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## 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