HMH | (into) **Math**™

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GRADES 3–5

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	Lessons	Unit 1: Understand Multiplication and Area
	Lessons	
Module 1—Understand Multiplication	1.1	Count Equal Groups
	1.2	Relate Addition and Multiplication
	1.3	Represent Multiplication with Arrays
	1.4	Understand the Commutative Property of Multiplication
	1.5	Represent Multiplication with Number Lines
	1.6	Represent Multiplication with Bar Models
	Lessons	
Module 2—Relate Multiplication and Area	2.1	Understand Area by Counting Unit Squares
	2.2	Measure Area by Counting Unit Squares
	2.3	Relate Area to Addition and Multiplication
	2.4	Solve Problems with Area
	2.5	Find the Area of Combined Rectangles
		Unit 2: Multiplication and Division
	Lessons	
Module 3—Understand Multiplication Strategies	3.1	Multiply with 2 and 4
	3.2	Multiply with 5 and 10
	3.3	Multiply with 3 and 6
	Lessons	
Module 4—Apply Multiplication Properties as Strategies	4.1	Understand the Identity and Zero Properties of Multiplication
	4.2	Understand the Distributive Property
	4.3	Understand the Associative Property of Multiplication
	4.4	Multiply with 7
	4.5	Multiply with 8
	4.6	Multiply with 9
	4.7	Identify Number Patterns on the Multiplication Table
	Lessons	
Module 5—Multiplication with Multiples of 10	5.1	Use the Distributive Property
	5.2	Use the Associative Property of Multiplication
	5.3	Use Place Value Strategies to Multiply with Multiples of 10
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	11.2	Compare Fractions Using Benchmarks
	11.3	Explain Fraction Equivalence Using Visual Models
	11.4	Generate Equivalent Fractions
	11.5	Use Common Multiples to Write Equivalent Fractions
	11.6	Compare Fractions Using Common Numerators and Denominators
	11.7	Use Comparisons to Order Fractions
	Lessons	
Module 12—Relate Fractions and Decimals	12.1	Represent Tenths as Fractions and Decimals
	12.2	Represent Hundredths as Fractions and Decimals
	12.3	Identify Equivalent Fractions and Decimals
	12.4	Compare Decimals
	12.5	Relate Fractions, Decimals, and Money
	12.6	Solve Multistep Money Problems
	Lessons	
Module 13—Use Fractions to Understand Angles	13.1	Explore Lines, Rays, and Angles
	13.2	Explore Angles
	13.3	Relate Angles to Fractional Parts of a Circle
	13.4	Relate Degrees to Fractional Parts of a Circle
	13.5	Measure and Draw Angles Using a Protractor
	13.6	Join and Separate Angles
	13.7	Find Unknown Angle Measures
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Module 14—Understand Addition and Subtraction of Fractions with Like Denominators	14.1	Decompose Fractions into Sums
	14.2	Join Parts of a the Same Whole
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	14.4	Separate Parts of the Same Whole
	14.5	Represent Subtraction of Fractions
	14.6	Add Fractional Parts of 10 and 100
	Lessons	
Module 15—Add and Subtract Fractions and Mixed Numbers with Like Denominators	15.1	Add and Subtract Fractions to Solve Problems
	15.2	Rename Fractions and Mixed Numbers
	15.3	Add and Subtract Mixed Numbers to Solve Problems
	15.4	Rename Mixed Numbers to Subtract
	15.5	Apply Properties of Addition to Add Fractions and Mixed Numbers
	15.6	Practice Solving Fraction Problems

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	Lessons	
Module 16—Multiply Fractions by Whole Numbers	16.1	Understand Multiples of Unit Fractions
	16.2	Find Multiples of Fractions
	16.3	Represent Multiplication of a Fraction by a Whole Number
	16.4	Solve Problems Using Multiplication of a Fraction or Mixed Number by a Whole Number

Unit 6: Two-Dimensional Figures and Symmetry

	Lessons	
Module 17—Two-Dimensional Figures	17.1	Identify and Draw Perpendicular and Parallel Lines
	17.2	Identify and Classify Triangles by Angles
	17.3	Identify and Classify Triangles by Sides
	17.4	Identify and Classify Quadrilaterals
	17.5	Measure and Draw Angles of Two-Dimensional Figures
	Lessons	
Module 18—Symmetry and Patterns	18.1	Recognize Lines of Symmetry
	18.2	Identify and Draw Lines of Symmetry
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Unit 7: Measurement, Data, and Time

	Lessons	
Module 19—Relative Sizes of Customary Measurement Units	19.1	Identify Customary Measurement Benchmarks
	19.2	Compare Customary Units of Length
	19.3	Compare Customary Units of Weight
	19.4	Compare Customary Units of Liquid Volume
	19.5	Represent and Interpret Measurement Data in Line Plots
	Lessons	
Module 20—Relative Sizes of Metric Measurement Units	20.1	Identify Metric Measurement Benchmarks
	20.2	Compare Metric Units of Length
	20.3	Compare Metric Units of Mass and Liquid Volume
	20.4	Solve Problems Using Measurements
	Lessons	
Module 21—Solve Problems with Time and Measurement	21.1	Compare Units of Time
	21.2	Solve Problems Involving Elapsed Time
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	11.2	Divide Whole Numbers by Unit Fractions
	11.3	Interpret and Solve Division of a Whole Number by a Unit Fraction
	11.4	Divide Unit Fractions by Whole Numbers
	11.5	Interpret and Solve Division of a Unit Fraction by a Whole Number
	11.6	Solve Division Problems Using Visual Models and Equations
	Lessons	
Module 12—Customary Measurement	12.1	Convert Customary Measurements
	12.2	Solve Multistep Customary Measurement Problems
	12.3	Represent and Interpret Measurement Data in Line Plots
	12.4	Convert Time and Find Elapsed Time
Unit 5: Add and Subtract Decimals	
	Lessons	
Module 13—Decimal Place Value	13.1	Understand Thousandths
	13.2	Read and Write Decimals to Thousandths
	13.3	Round Decimals
	13.4	Compare and Order Decimals
	Lessons	
Module 14—Add and Subtract Decimals	14.1	Represent Decimal Addition
	14.2	Represent Decimal Subtraction
	14.3	Assess Reasonableness of Sums and Differences
	14.4	Add Decimals
	14.5	Subtract Decimals
	14.6	Use Strategies and Reasoning to Add and Subtract
Unit 6: Multiply Decimals	
	Lessons	
Module 15—Multiply Decimals and Whole Numbers	15.1	Understand Decimal Multiplication Patterns
	15.2	Represent Multiplication with Decimals and Whole Numbers
	15.3	Assess Reasonableness of Products
	15.4	Multiply Decimals by 1-DIgit Whole Numbers
	15.5	Multiply Decimals by 2-Digit Whole Numbers
	15.6	Solve Problems Using Bar Models

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Module 16—Multiply Decimals	16.1	Represent Decimal Multiplication
	16.2	Multiply Decimals
	16.3	Multiply Decimals with Zeros in the Product
Unit 7: Divide Decimals and Convert Metric Units	
	Lessons	
Module 17—Divide Decimals	17.1	Understand Decimal Division Patterns
	17.2	Represent Division of Decimals by Whole Numbers
	17.3	Assess Reasonableness of Quotients
	17.4	Divide Decimals by Whole Numbers
	17.5	Represent Decimal Division
	17.6	Divide Decimals
	17.7	Write Zeros in the Dividend
	Lessons	
Module 18—Customary and Metric Measurement	18.1	Understand Metric Conversions
	18.2	Solve Customary and Metric Conversion Problems
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Module 19—Graphs and Patterns	19.1	Describe a Coordinate System
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	19.3	Use Ordered Pairs to Represent Problems
	19.4	Generate and Identify Numerical Patterns
	19.5	Identify and Graph Relationships and Patterns
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Module 20—Classify Two-Dimensional Figures	20.1	Identify and Classify Polygons
	20.2	Classify and Organize Triangles
	20.3	Classify and Organize Quadrilaterals
	20.4	Use Venn Diagrams to Classify Two-Dimensional Figures

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