

Houghton Mifflin Harcourt
Go Math! Grade 5 © 2015

Crosswalk Correlation to
Math in Practice – Teaching Grade 5 Math © 2016

Unit	Lesson	<i>Go Math!</i>	<i>Math in Practice Module</i>
1	1	Investigate • Place Value and Patterns	Grade 5, Module 1: Understanding Place Value
1	2	Place Value of Whole Numbers	Grade 5, Module 1: Understanding Place Value
1	3	Algebra • Properties	Grade 5, Module 2: Writing and Interpreting Numerical Expressions
1	4	Algebra • Powers of 10 and Exponents	Grade 5, Module 1: Understanding Place Value
1	5	Algebra • Multiplication Patterns	Grade 5, Module 1: Understanding Place Value
1	6	Multiply by 1-Digit Numbers	Grade 5, Module 3: Multiplying with Multidigit Numbers
1	7	Multiply by Multi-Digit Numbers	Grade 5, Module 3: Multiplying with Multidigit Numbers
1	8	Relate Multiplication to Division	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
1	9	Problem Solving • Multiplication and Division	Grade 5, Module 3: Multiplying with Multidigit Numbers Grade 5, Module 4: Dividing with Multidigit Whole Numbers
1	10	Algebra • Numerical Expressions	Grade 5, Module 2: Writing and Interpreting Numerical Expressions
1	11	Algebra • Evaluate Numerical Expressions	Grade 5, Module 2: Writing and Interpreting Numerical Expressions
1	12	Algebra • Grouping Symbols	Grade 5, Module 2: Writing and Interpreting Numerical Expressions

Unit	Lesson	<i>Go Math!</i>	<i>Math in Practice Module</i>
2	1	Place the First Digit	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	2	Divide by 1-Digit Divisors	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	3	Investigate • Division with 2-Digit Divisors	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	4	Partial Quotients	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	5	Estimate with 2-Digit Divisors	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	6	Divide by 2-Digit Divisors	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	7	Interpret the Remainder	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	8	Adjust Quotients	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
2	9	Problem Solving • Division	Grade 5, Module 4: Dividing with Multidigit Whole Numbers
3	1	Investigate • Thousandths	Grade 5, Module 1: Understanding Place Value
3	2	Place Value of Decimals	Grade 5, Module 1: Understanding Place Value
3	3	Compare and Order Decimals	Grade 5, Module 1: Understanding Place Value
3	4	Round Decimals	Grade 5, Module 1: Understanding Place Value
3	5	Investigate • Decimal Addition	Grade 5, Module 5: Adding and Subtracting Decimals
3	6	Investigate • Decimal Subtraction	Grade 5, Module 5: Adding and Subtracting Decimals
3	7	Estimate Decimal Sums and Differences	Grade 5, Module 5: Adding and Subtracting Decimals

Unit	Lesson	<i>Go Math!</i>	<i>Math in Practice Module</i>
3	8	Add Decimals	Grade 5, Module 5: Adding and Subtracting Decimals
3	9	Subtract Decimals	Grade 5, Module 5: Adding and Subtracting Decimals
3	10	Algebra • Patterns with Decimals	Grade 5, Module 5: Adding and Subtracting Decimals
3	11	Problem Solving • Add and Subtract Money	Grade 5, Module 5: Adding and Subtracting Decimals
3	12	Choose a Method	Grade 5, Module 5: Adding and Subtracting Decimals
4	1	Algebra • Multiplication Patterns with Decimals	Grade 5, Module 6: Multiplying and Dividing Decimals
4	2	Investigate • Multiply Decimals and Whole Numbers	Grade 5, Module 6: Multiplying and Dividing Decimals
4	3	Multiplication with Decimals and Whole Numbers	Grade 5, Module 6: Multiplying and Dividing Decimals
4	4	Multiply Using Expanded Form	
4	5	Problem Solving • Multiply Money	
4	6	Investigate • Decimal Multiplication	Grade 5, Module 6: Multiplying and Dividing Decimals
4	7	Multiply Decimals	Grade 5, Module 6: Multiplying and Dividing Decimals
4	8	Zeros in the Product	Grade 5, Module 6: Multiplying and Dividing Decimals
5	1	Algebra • Division Patterns with Decimals	Grade 5, Module 1: Understanding Place Value Grade 5, Module 6: Multiplying and Dividing Decimals
5	2	Investigate • Divide Decimals by Whole Numbers	Grade 5, Module 6: Multiplying and Dividing Decimals
5	3	Estimate Quotients	Grade 5, Module 6: Multiplying and Dividing Decimals

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5	4	Division of Decimals by Whole Numbers	Grade 5, Module 6: Multiplying and Dividing Decimals
5	5	Investigate • Decimal Division	Grade 5, Module 6: Multiplying and Dividing Decimals
5	6	Divide Decimals	Grade 5, Module 6: Multiplying and Dividing Decimals
5	7	Write Zeros in the Dividend	Grade 5, Module 6: Multiplying and Dividing Decimals
5	8	Problem Solving • Decimal Operations	Grade 5, Module 6: Multiplying and Dividing Decimals
6	1	Investigate • Addition with Unlike Denominators	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	2	Investigate • Subtraction with Unlike Denominators	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	3	Estimate Fraction Sums and Differences	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	4	Common Denominators and Equivalent Fractions	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	5	Add and Subtract Fractions	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	6	Add and Subtract Mixed Numbers	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	7	Subtraction with Renaming	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	8	Algebra • Patterns with Fractions	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
6	9	Problem Solving • Practice Addition and Subtraction	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators

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6	10	Algebra • Use Properties of Addition	Grade 5, Module 7: Adding and Subtracting Fractions with Unlike Denominators
7	1	Find Part of a Group	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	2	Investigate • Multiply Fractions and Whole Numbers	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	3	Fraction and Whole Number Multiplication	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	4	Investigate • Multiply Fractions	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	5	Compare Fraction Factors and Products	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	6	Fraction Multiplication	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	7	Investigate • Area and Mixed Numbers	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	8	Compare Mixed Number Factors and Products	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	9	Multiply Mixed Numbers	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
7	10	Problem Solving • Find Unknown Lengths	Grade 5, Module 9: Multiplying Fractions by Fractions and Whole Numbers
8	1	Investigate • Divide Fractions and Whole Numbers	Grade 5, Module 10: Dividing Whole Numbers and Unit Fractions
8	2	Problem Solving • Use Multiplication	Grade 5, Module 10: Dividing Whole Numbers and Unit Fractions

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8	3	Connect Fractions to Division	Grade 5, Module 10: Dividing Whole Numbers and Unit Fractions
8	4	Fraction and Whole-Number Division	Grade 5, Module 10: Dividing Whole Numbers and Unit Fractions
8	5	Interpret Division with Fractions	Grade 5, Module 10: Dividing Whole Numbers and Unit Fractions
9	1	Line Plots	Grade 5, Module 12: Representing and Interpreting Data
9	2	Ordered Pairs	Grade 5, Module 14: Understanding the Coordinate System
9	3	Investigate • Graph Data	Grade 5, Module 14: Understanding the Coordinate System
9	4	Line Graphs	Grade 5, Module 14: Understanding the Coordinate System
9	5	Numerical Patterns	Grade 5, Module 14: Understanding the Coordinate System
9	6	Problem Solving • Find a Rule	Grade 5, Module 14: Understanding the Coordinate System
9	7	Graph and Analyze Relationships	Grade 5, Module 14: Understanding the Coordinate System
10	1	Customary Length	Grade 5, Module 11: Converting Like Measurement Units
10	2	Customary Capacity	Grade 5, Module 14: Understanding the Coordinate System
10	3	Weight	Grade 5, Module 14: Understanding the Coordinate System
10	4	Multistep Measurement Problems	Grade 5, Module 14: Understanding the Coordinate System
10	5	Metric Measures	Grade 5, Module 14: Understanding the Coordinate System
10	6	Problem Solving • Customary and Metric Conversions	

Unit	Lesson	<i>Go Math!</i>	<i>Math in Practice Module</i>
10	7	Elapsed Time	
11	1	Polygons	Grade 5, Module 15: Classifying Two-Dimensional Figures
11	2	Triangles	Grade 5, Module 15: Classifying Two-Dimensional Figures
11	3	Quadrilaterals	Grade 5, Module 15: Classifying Two-Dimensional Figures
11	4	Three-Dimensional Figures	Grade 5, Module 13: Exploring Volume
11	5	Investigate • Unit Cubes and Solid Figures	Grade 5, Module 13: Exploring Volume
11	6	Investigate • Understand Volume	Grade 5, Module 13: Exploring Volume
11	7	Investigate • Estimate Volume	Grade 5, Module 13: Exploring Volume
11	8	Volume of Rectangular Prisms	Grade 5, Module 13: Exploring Volume
11	9	Algebra • Apply Volume Formulas	Grade 5, Module 13: Exploring Volume
11	10	Problem Solving • Compare Volumes	Grade 5, Module 13: Exploring Volume
11	11	Find Volume of Composed Figures	Grade 5, Module 13: Exploring Volume