Houghton Mifflin Harcourt
Math Expressions, Grade 3 © 2013

Crosswalk Correlation to

Math in Practice – Teaching Grade 3 Math © 2016

Unit	Lesson	*Math Expressions*	*Math in Practice* Module
1	1	Multiply with 5	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	2	Multiplication as Equal Groups	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	3	Multiplication and Arrays	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	4	The Meaning of Division	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division
1	5	Multiply and Divide with 2	Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	6	Building Fluency with 2s and 5s	Grade 3, Module 3: Fluently Multiplying and Dividing
1	7	Multiply and Divide with 10	Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	8	Multiply and Divide with 9	Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing

Unit	Lesson	*Math Expressions*	*Math in Practice* Module
1	9	Building Fluency with 2s, 5s, 9s, and 10s	Grade 3, Module 3: Fluently Multiplying and Dividing
1	10	Multiply and Divide with 3	Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	11	Multiplication and Area	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing Grade 3, Module 14: Understanding the Concept of Area
1	12	Multiply and Divide with 4	Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
1	13	Use the Strategy Cards	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division
1	14	Building Fluency with 2s, 3s, 4s, 5s, 9s, and 10s	Grade 3, Module 3: Fluently Multiplying and Dividing
1	15	Multiply and Divide with 1 and 0	Grade 3, Module 2: Understanding Properties of Multiplication and Division
1	16	Solve and Create Word Problems	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division
1	17	Play Multiplication and Division Games	Grade 3, Module 3: Fluently Multiplying and Dividing
1	18	Building Fluency with 0s, 1s, 2s, 3s, 4s, 5s, 9s, and 10s	Grade 3, Module 3: Fluently Multiplying and Dividing
1	19	Focus on Mathematical Practices	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division

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2	1	Multiply and Divide with 6	Grade 3, Module 2: Understanding Properties of Multiplication and Division
2	2	Solve Area Word Problems	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing Grade 3, Module 14: Understanding the Concept of Area
2	3	Multiply and Divide with 8	Grade 3, Module 2: Understanding Properties of Multiplication and Division
2	4	Write Word Problems and Equations	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
2	5	Multiply and Divide with 7	Grade 3, Module 2: Understanding Properties of Multiplication and Division
2	6	Square Numbers	Grade 3, Module 3: Fluently Multiplying and Dividing Grade 3, Module 14: Understanding the Concept of Area
2	7	Practice with 6s, 7s, and 8s	Grade 3, Module 3: Fluently Multiplying and Dividing
2	8	Building Fluency with 0–10s	Grade 3, Module 3: Fluently Multiplying and Dividing
2	9	Equations and Word Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
2	10	Write First Step Questions for Two Step Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
2	11	Make Sense of Two Step Word Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
2	12	Multiply with Multiples of 10	Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing

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2	13	Play Multiplication and Division Games	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
2	14	Building Fluency with 0s–10s	Grade 3, Module 3: Fluently Multiplying and Dividing
2	15	Focus on Mathematical Practices	Grade 3, Module 1: Understanding Multiplication and Division Grade 3, Module 2: Understanding Properties of Multiplication and Division Grade 3, Module 3: Fluently Multiplying and Dividing
3	1	Customary Units of Length	
3	2	Customary Units of Liquid Volume	Grade 3, Module 12: Exploring Mass and Volume
3	3	Metric Units of Liquid Volume	Grade 3, Module 12: Exploring Mass and Volume
3	4	Customary Units of Weight and Metric Units of Mass	Grade 3, Module 12: Exploring Mass and Volume
3	5	Solve Word Problems Involving Liquid Volume and Mass	Grade 3, Module 12: Exploring Mass and Volume
3	6	Tell Time	Grade 3, Module 11: Exploring Time
3	7	Before and After the Hour	Grade 3, Module 11: Exploring Time
3	8	Elapsed Time	Grade 3, Module 11: Exploring Time
3	9	Add and Subtract Time	Grade 3, Module 11: Exploring Time
3	10	Solve Word Problems Involving Time	Grade 3, Module 11: Exploring Time
3	11	Read and Create Pictographs and Bar Graphs	Grade 3, Module 13: Representing and Interpreting Data and Exploring Linear Measurement

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3	12	Read and Create Bar Graphs with Multidigit Numbers	Grade 3, Module 13: Representing and Interpreting Data and Exploring Linear Measurement
3	13	Represent and Organize Data	Grade 3, Module 13: Representing and Interpreting Data and Exploring Linear Measurement
3	14	Use Graphs to Solve Time and Measurement Word Problems	Grade 3, Module 13: Representing and Interpreting Data and Exploring Linear Measurement
3	15	Focus on Mathematical Practices	Grade 3, Module 13: Representing and Interpreting Data and Exploring Linear Measurement
4	1	Make Place Value Drawings	Grade 3, Module 5: Rounding Numbers to the Nearer Ten or Hundred
4	2	Build Numbers	Grade 3, Module 5: Rounding Numbers to the Nearer Ten or Hundred
4	3	Place Value in Word Problems	Grade 3, Module 6: Fluently Adding Within 1,000
4	4	Practice with Place Value	Grade 3, Module 6: Fluently Adding Within 1,000
4	5	Round to the Nearest Hundred	Grade 3, Module 5: Rounding Numbers to the Nearer Ten or Hundred
4	6	Round to the Nearest Ten	Grade 3, Module 5: Rounding Numbers to the Nearer Ten or Hundred
4	7	Explore Multidigit Addition	Grade 3, Module 6: Fluently Adding Within 1,000
4	8	Discuss Addition Methods	Grade 3, Module 6: Fluently Adding Within 1,000
4	9	The Grouping Concept in Addition	Grade 3, Module 6: Fluently Adding Within 1,000
4	10	Practice Addition	Grade 3, Module 6: Fluently Adding Within 1,000

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4	11	Ungroup to Subtract	Grade 3, Module 7: Fluently Subtracting Within 1,000
4	12	Subtract Across Zeros	Grade 3, Module 7: Fluently Subtracting Within 1,000
4	13	Discuss methods of Subtracting	Grade 3, Module 7: Fluently Subtracting Within 1,000
4	14	Relate Addition and Subtraction	Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000
4	15	Subtraction Practice	Grade 3, Module 7: Fluently Subtracting Within 1,000
4	16	Addition and Subtraction Practice	Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000
4	17	Solve Word Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
4	18	Focus on Mathematical Practices	Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000
5	1	Addition and Subtraction Situations	Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000
5	2	Word Problems with Unknown Addends or Unknown Factors	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000
5	3	Word Problems with Unknown Starts	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000
5	4	Comparison Problems	
5	5	Comparison Problems with Misleading Language	Grade 3, Module 6: Fluently Adding Within 1,000 Grade 3, Module 7: Fluently Subtracting Within 1,000

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5	6	Word Problems with Extra, Hidden, and Not Enough Information	
5	7	Write First Step Questions for Two Step Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
5	8	Solve Two Step Word Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
5	9	Equations and Two Step Word Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
5	10	Practice with Two Step Word Problems	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
5	11	Focus on Mathematical Practices	Grade 3, Module 4: Solving One- and Two-Step Problems with All Four Operations
6	1	Triangles	Grade 3, Module 16: Understanding and Describing Shapes
6	2	Parallelograms, Rectangles, Squares, and Rhombuses	Grade 3, Module 16: Understanding and Describing Shapes
6	3	Draw Quadrilaterals	Grade 3, Module 16: Understanding and Describing Shapes
6	4	Classify Quadrilaterals	Grade 3, Module 16: Understanding and Describing Shapes
6	5	Perimeter and Area	Grade 3, Module 14: Understanding the Concept of Area Grade 3, Module 15: Understanding the Concept of Perimeter
6	6	Side Lengths with Area and Perimeter	Grade 3, Module 14: Understanding the Concept of Area Grade 3, Module 15: Understanding the Concept of Perimeter
6	7	Compare Areas and Perimeters	Grade 3, Module 14: Understanding the Concept of Area Grade 3, Module 15: Understanding the Concept of Perimeter
6	8	Area of Rectilinear Figures	Grade 3, Module 14: Understanding the Concept of Area

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6	9	Solve Perimeter and Area Problems	Grade 3, Module 14: Understanding the Concept of Area Grade 3, Module 15: Understanding the Concept of Perimeter
6	10	Tangram Shapes and Area	Grade 3, Module 16: Understanding and Describing Shapes
6	11	Focus on Mathematical Practices	Grade 3, Module 14: Understanding the Concept of Area Grade 3, Module 15: Understanding the Concept of Perimeter
7	1	Understand Fractions	Grade 3, Module 8: Understanding Fractions and Fraction Notation
7	2	Model Fractions	Grade 3, Module 8: Understanding Fractions and Fraction Notation
7	3	Locate Fractions on the Number Line	Grade 3, Module 8: Understanding Fractions and Fraction Notation
7	4	Compare Unit Fractions	Grade 3, Module 10: Comparing Fractions
7	5	Compare Fractions	Grade 3, Module 10: Comparing Fractions
7	6	Introduce Equivalence	Grade 3, Module 9: Exploring Fraction Equivalence
7	7	Equivalent Fractions	Grade 3, Module 9: Exploring Fraction Equivalence
7	8	Problem Solving with Fractions	Grade 3, Module 9: Exploring Fraction Equivalence Grade 3, Module 10: Comparing Fractions
7	9	Focus on Mathematical Practices	Grade 3, Module 9: Exploring Fraction Equivalence Grade 3, Module 10: Comparing Fractions