GRADE 4

Module 1 Place Value, Rounding, and Algorithms for Addition and Subtraction

Topic A: Place Value of Multi-Digit Whole Numbers

* A.2 Convert between standard and expanded form
* A.10 Write word names for numbers up to one million

Topic B: Comparing Multi-Digit Whole Numbers

Topic C: Rounding Multi-Digit Whole Numbers

* A.16 Rounding
* B.10 Estimate sums
* B.11 Estimate sums: word problems
* C.8 Estimate differences
* C.9 Estimate differences: word problems
* D.15 Estimate products: word problems
* F.3 Estimate sums, differences, products, and quotients: word problems

Topic D: Multi-Digit Whole Number Addition

* B.2 Add numbers up to millions
* B.4 Add numbers up to millions: word problems
* B.7 Add 3 or more numbers up to millions

Topic E: Multi-Digit Whole Number Subtraction

* C.2 Subtract numbers up to millions

Module 2 Unit Conversions and Problem Solving with Metric Measurement

Topic A: Metric Unit Conversions

* N.12 Compare and convert metric units of length
* N.13 Compare and convert metric units of weight
* N.14 Compare and convert metric units of volume

Topic B: Application of Metric Unit Conversions

* N.15 Compare and convert metric units
* N.11 Which metric unit is appropriate?

Module 3 Multi-Digit Multiplication and Division Textbook

Topic A: Multiplicative Comparison Word Problems

Topic B: Multiplication by 10, 100, and 1,000

Topic C: Multiplication of up to Four Digits by Single-Digit Numbers

* D.6 Multiply 1-digit numbers by 2-digit numbers
* D.7 Multiply 1-digit numbers by 3-digit or 4- digit numbers
* D.11 Distributive property: find the missing factor
* D.12 Multiply using the distributive property

Topic D: Multiplication Word Problems

Topic E: Division of Tens and Ones with Successive Remainders

* E.4 Divide 2-digit numbers by 1-digit numbers
* E.5 Divide 2-digit numbers by 1-digit numbers: word problems
* E.7 Divide 2-digit numbers by 1-digit numbers: interpret remainders

Topic F: Reasoning with Divisibility

* A.14 Prime and composite - up to 20
* D.4 Choose the multiples of a given number up to 12
* D.5 Identify factors

Topic G: Division of Thousands, Hundreds, Tens, and Ones

* E.7 Divide 2-digit numbers by 1-digit numbers: interpret remainders
* E.8 Divide larger numbers by 1-digit numbers
* E.9 Divide larger numbers by 1-digit numbers: word problems
* E.11 Divide larger numbers by 1-digit numbers: interpret remainders

Topic H: Multiplication of Two-Digit by Two-Digit Numbers

* D.18 Multiply a 2-digit number by a 2-digit number: complete the missing steps
* D.19 Multiply a 2-digit number by a 2-digit number
* D.20 Multiply a 2-digit number by a 2-digit number: word problems

Module 4 Angle Measure and Plane Figures

Topic A: Lines and Angles W.4 Lines, line segments, and rays

* W.5 Parallel, perpendicular, and intersecting lines
* Z.1 Acute, right, obtuse, and straight angles
* Topic B: Angle Measurement Z.2 Angles of 90, 180, 270, and 360 degrees
* Z.3 Measure angles with a protractor
* Z.4 Estimate angle measurements

Topic C: Problem Solving with the Addition of Angle Measures

* Z.5 Adjacent angles

Topic D: Two-Dimensional Figures and Symmetry

* X.1 Acute, obtuse, and right triangles
* X.2 Scalene, isosceles, and equilateral triangles
* X.9 Classify quadrilaterals
* Y.1 Identify lines of symmetry