Grade 2

Module 1

Topic A: Foundations for Fluency with Sums and Differences Within 100

* E.1 Review - add one-digit numbers - sums to 10
* E.2 Review - ways to make a number - sums to 10
* F.1 Review - subtract one-digit numbers - up to 10
* F.2 Review - ways to subtract - up to 10
* M.1 Place value models - tens and ones
* E.14 Complete the addition sentence - one digit
* F.12 Complete the subtraction sentence - up to 18

Topic B: Initiating Fluency with Addition and Subtraction Within 100

* F.8 Subtract a one-digit number from a two digit number up to 18
* F.11 Subtraction word problems - up to 18
* F.13 Write the subtraction sentence - up to 18
* G.1 Add multiples of 10
* H.4 Subtract a one-digit number from a two digit number - with regrouping
* E.7 Add one-digit numbers
* E.13 Addition word problems - one digit
* E.15 Write the addition sentence - one digit
* G.3 Add a two-digit and a one-digit number - without regrouping
* G.4 Add a two-digit and a one-digit number - with regrouping
* H.3 Subtract a one-digit number from a twodigit number - without regrouping
* K.1 Related addition facts
* K.2 Related subtraction facts
* K.3 Fact families

Module 2

Topic A: Understand Concepts About the Ruler

* S.8 Measure using a centimeter ruler
* S.10 Metric units of length: word problems

Topic B: Measure and Estimate Length Using Different Measurement Tools

* S.8 Measure using a centimeter ruler
* S.9 Which metric unit of length is appropriate?

Topic C: Measure and Compare Lengths Using Different Length Units

* S.10 Metric units of length: word problems

Topic D: Relate Addition and Subtraction to Length

* S.10 Metric units of length: word problems

Module 3

Topic A: Forming Base Ten Units of Ten, a Hundred, and a Thousand

* M.1 Place value models - tens and ones
* M.2 Place value models - up to hundreds

Topic B: Understanding Place Value Units of One, Ten, and a Hundred

* M.2 Place value models - up to hundreds

Topic C: Three-Digit Numbers in Unit, Standard, Expanded, and Word Forms

* C.4 Writing numbers up to 1,000 in words - convert words to digits
* M.2 Place value models - up to hundreds
* M.4 Identify a digit up to the hundreds place
* M.5 Place value - tens and ones
* M.6 Place value - up to hundreds
* M.8 Convert to/from a number - tens and ones
* M.10 Regroup tens and ones
* M.11 Convert to/from a number - up to hundreds
* M.14 Convert from expanded form - up to hundreds
* M.9 Regroup tens and ones - ways to make a number

Topic D: Modeling Base Ten Numbers Within 1,000 with Money

Topic E: Modeling Numbers Within 1,000 with Place Value Disks

* M.2 Place value models - up to hundreds
* M.8 Convert to/from a number - tens and ones
* M.9 Regroup tens and ones - ways to make a number
* M.11 Convert to/from a number - up to hundreds
* M.10 Regroup tens and ones

Topic F: Comparing Two Three-Digit Numbers B.2 Comparing numbers up to 1,000

* B.4 Put numbers up to 1,000 in order

Topic G: Finding 1, 10, and 100 More or Less Than a Number

* A.7 Hundreds chart

Module 4 Addition and Subtraction Within 200 with Word Problems to 100

Topic A: Sums and Differences Within 100

* A.7 Hundreds chart
* G.11 Write the addition sentence - up to two digits
* H.6 Subtract two two-digit numbers - with regrouping
* H.9 Subtraction word problems - up to two digits
* H.11 Write the subtraction sentence - up to two digits
* L.10 Addition and subtraction word problems - up to 100

Topic B: Strategies for Composing a Ten

* G.5 Add two two-digit numbers - without regrouping
* G.9 Addition word problems - up to two digits
* G.11 Write the addition sentence - up to two digits

Topic C: Strategies for Decomposing a Ten

* H.3 Subtract a one-digit number from a two digit number - without regrouping
* H.4 Subtract a one-digit number from a two digit number - with regrouping
* H.5 Subtract two two-digit numbers - without regrouping
* H.6 Subtract two two-digit numbers - with regrouping
* H.9 Subtraction word problems - up to two digits
* H.11 Write the subtraction sentence - up to two digits
* H.12 Balance subtraction equations - up to two digits

Topic D: Strategies for Composing Tens and Hundreds

* E.20 Add four or more one-digit numbers
* G.1 Add multiples of 10
* G.6 Add two two-digit numbers - with regrouping
* G.9 Addition word problems - up to two digits
* G.11 Write the addition sentence - up to two digits
* G.13 Add three numbers up to two digits each
* G.14 Add three numbers up to two digits each: word problems
* G.15 Add four or more numbers up to two digits each
* G.16 Add four or more numbers up to two digits each: word problems
* G.8 Ways to make a number using addition

Topic E: Strategies for Decomposing Tens and Hundreds

* H.6 Subtract two two-digit numbers - with regrouping

Topic F: Student Explanations of Written Methods

* G.6 Add two two-digit numbers - with regrouping
* G.9 Addition word problems - up to two digits
* G.11 Write the addition sentence - up to two digits
* G.14 Add three numbers up to two digits each: word problems
* H.9 Subtraction word problems - up to two digits
* H.11 Write the subtraction sentence - up to two digits
* L.10 Addition and subtraction word problems - up to 100

Module 5 Addition and Subtraction Within 1000 with Word Problems

Topic A: Strategies for Adding and Subtracting Within 1,000

Topic B: Strategies for Composing Tens and Hundreds Within 1,000

Topic C: Strategies for Decomposing Tens and Hundreds Within 1,000

* J.3 Subtract three-digit numbers
* J.6 Complete the subtraction sentence - up to three digits

Topic D: Student Explanations for Choice of Solution Methods

* J.3 Subtract three-digit numbers
* J.6 Complete the subtraction sentence - up to three digits

Module 6 Foundations of Multiplication and Division

Topic B: Arrays and Equal Groups

* E.22 Identify repeated addition in arrays: sums to 10
* E.23 Write addition sentences for arrays: sums to 10
* E.24 Identify repeated addition in arrays: sums to 25
* E.25 Write addition sentences for arrays: sums to 25

Topic C: Rectangular Arrays as a Foundation for Multiplication and Division

* E.22 Identify repeated addition in arrays: sums to 10
* E.24 Identify repeated addition in arrays: sums to 25