

### Eureka Math<sup>2</sup> Year at a Glance



### 2: Ten Tens

Module 2  Addition and Subtraction  Within 200	Module 3  Shapes and Time with  Fraction Concepts	Module 4  Addition and Subtraction Within 1,000	Module 5  Money, Data, and Customary Measurement	Module 6  Multiplication and Division Foundations
Topic A: Simplifying Strategies for Addition	Topic A: Attributes of Geometric Shapes	Topic A: Mental Place Value Strategies	Topic A: Problem Solving with Coins and Bills	Topic A: Count and Problem Solve with Equal Groups
Lesson 1: Reason about addition with four addends. 2.NBT.B.6, MP3, 2.Mod2.AD2	Lesson 1: Determine the defining attributes of a polygon. 2.G.A.1, MP6, 2.Mod3.AD4	Lesson 1: Organize, count, and represent a collection of objects. 2.NBT.B.8, MP3, 2.Mod4.AD8, 2.Mod4.AD9	Lesson 1: Organize, count, and represent a collection of coins. 2.MD.C.8, MP7, 2.Mod5.AD6	Lesson 1: Compose equal groups and write repeated addition equations.  2.OA.A.1, 2.OA.C.4, MP2,
Lesson 2: Break apart and add like units. 2.NBT.B.7, MP7, 2.Mod2.AD3	build, and describe two- dimensional shapes.	Lesson 2: Mentally add and subtract multiples of 10 and 100 with unknowns in various positions	Lesson 2: Use the fewest number of coins to make a given value. 2.MD.C.8, MP6, 2.Mod5.AD6	2.Mod6.AD1, 2.Mod6.AD4  Lesson 2: Organize, count, and represent a collection of objects.
Lesson 3: Use compensation to add within 100.	2.Mod3.AD5	2.MBT.B.8, MP7, 2.Mod4.AD8, 2.Mod4.AD9	Lesson 3: Solve one- and two-step word problems to find the total	2.OA.C.4, MP7, 2.Mod6.AD4  Lesson 3: Use math drawings to
Lesson 4: Use compensation to add	describe right angles and parallel lines.	Lesson 3: Solve multi-step word problems and reason about equal	2.MD.C.8, MP4, 2.Mod5.AD6	represent equal groups and relate them to repeated addition.  2.OA.C.4, MP8, 2.Mod6.AD4
2.NBT.B.7, MP5, 2.Mod2.AD3  Lesson 5: Make a ten to add within	2.Mod3.AD5  Lesson 4: Use attributes to identify,	2.OA.A.1, 2.NBT.B.8, MP2, 2.Mod4.AD1, 2.Mod4.AD8, 2.Mod4.AD9	word problems to find the total value of a group of bills.  2.MD.C.8, MP2, 2.Mod5.AD6	Lesson 4: Represent equal groups with a tape diagram.
100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within	classify, and compose different quadrilaterals. 2.G.A.1, MP3, 2.Mod3.AD4, 2.Mod3.AD5	<b>Lesson 4:</b> Represent and solve compare with bigger unknown word problems.	Lesson 5: Use different strategies to make 1 dollar or to make change from 1 dollar.	2.OA.A.1, 2.OA.C.4, MP4, 2.Mod6.AD1, 2.Mod6.AD4
	Addition and Subtraction Within 200  Topic A: Simplifying Strategies for Addition  Lesson 1: Reason about addition with four addends.  2.NBT.B.6, MP3, 2.Mod2.AD2  Lesson 2: Break apart and add like units.  2.NBT.B.7, MP7, 2.Mod2.AD3  Lesson 3: Use compensation to add within 100.  2.NBT.B.7, MP2, 2.Mod2.AD3  Lesson 4: Use compensation to add within 200.  2.NBT.B.7, MP5, 2.Mod2.AD3  Lesson 5: Make a ten to add within 100.  2.NBT.B.7, MP8, 2.Mod2.AD3	Addition and Subtraction Within 200  Topic A: Simplifying Strategies for Addition With four addends. 2.NBT.B.6, MP3, 2.Mod2.AD2  Lesson 2: Break apart and add like units. 2.NBT.B.7, MP7, 2.Mod2.AD3 Lesson 3: Use compensation to add within 100. 2.NBT.B.7, MP2, 2.Mod2.AD3 Lesson 4: Use compensation to add within 200. 2.NBT.B.7, MP5, 2.Mod2.AD3 Lesson 5: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3	Addition and Subtraction Within 200  Topic A: Simplifying Strategies for Addition With our addends. 2.NBT.B.6, MP3, 2.Mod2.AD2  Lesson 2: Break apart and add like units. 2.NBT.B.7, MP7, 2.Mod2.AD3 Lesson 3: Use compensation to add within 100. 2.NBT.B.7, MP5, 2.Mod2.AD3 Lesson 4: Use compensation to add within 200. 2.NBT.B.7, MP5, 2.Mod2.AD3 Lesson 5: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 5: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 5: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 5: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 100. 2.NBT.B.7, MP8, 2.Mod3.AD5  Addition and Subtraction Within 1,000  Topic A: Mental Place Value Strategies  Lesson 1: Organize, count, and represent a collection of objects. 2.NBT.B.8, MP3, 2.Mod4.AD8, 2.Mod4.AD9  Lesson 2: Use attributes to identify, build, and describe two-dimensional shapes. 2.G.A.1, MP6, 2.Mod3.AD4, 2.Mod3.AD4 2.Mod3.AD5  Lesson 3: Use attributes to identify, build, and describe right angles and parallel lines. 2.G.A.1, MP6, 2.Mod3.AD4 2.Mod3.AD5  Lesson 4: Use attributes to identify, classify, and compose different quadrilaterals. 2.G.A.1, MP3, 2.Mod3.AD4, 2.Mod3.AD4, 2.Mod3.AD5	Addition and Subtraction Within 200  Topic A: Simplifying Strategies for Addition Lesson 1: Reason about addition with four addends. 2.NBT.B.6, MP3, 2.Mod2.AD2 Lesson 2: Break apart and add like units. 2.NBT.B.7, MP7, 2.Mod2.AD3 Lesson 3: Use compensation to add within 200. 2.NBT.B.7, MP2, 2.Mod2.AD3 Lesson 4: Use compensation to add within 200. 2.NBT.B.7, MP5, 2.Mod2.AD3 Lesson 5: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod2.AD3 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod3.AD5 Lesson 6: Make a ten to add within 200. 2.NBT.B.7, MP8, 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD4 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod3.AD5 Lesson 6: Make a ten to add within 2.Mod

Module 1 Module 2 Module 3 Module 4 Module 5 Module 6

## Topic B: Metric Measurement and Concepts About the Ruler

**Lesson 5:** Connect measurement to physical units by iterating a centimeter cube.

2.MD.A.1, MP6, 2.Mod1.AD1

**Lesson 6:** Make a 10 cm ruler and measure objects.

2.MD.A.1, MP2, 2.Mod1.AD1

**Lesson 7:** Measure lengths and relate 10 cm and 1 cm.

2.MD.A.1, MP7, 2.Mod1.AD1

**Lesson 8:** Make a meter stick and measure with various tools.

2.MD.A.1, MP5, 2.Mod1.AD1

**Lesson 9:** Relate 1 cm, 10 cm, and 100 cm.

2.NBT.A.1, MP3

**Lesson 10:** Reason about the relationship between the size of the unit and the number of units needed to measure.

2.MD.A.2, MP8

## Topic C: Estimate, Measure, and Compare Lengths

**Lesson 11:** Estimate and compare lengths.

2.MD.A.3, 2.MD.A.4, MP3, 2.Mod1.AD2, 2.Mod1.AD3

2.NBT.B.7, MP7, 2.Mod2.AD3

**Lesson 7:** Solve word problems by using simplifying strategies for addition.

2.OA.A.1, 2.NBT.B.7, MP5, 2.Mod2.AD1, 2.Mod2.AD3

#### Topic B: Strategies for Composing a Ten and a Hundred to Add

**Lesson 8:** Use concrete models to compose a ten.

2.NBT.B.7, MP8, 2.Mod2.AD3, 2.Mod2.AD5

**Lesson 9:** Use place value drawings to compose a ten and relate to written recordings.

2.NBT.B.7, MP6, 2.Mod2.AD3, 2.Mod2.AD5

**Lesson 10:** Use concrete models to compose a hundred.

2.NBT.B.7, MP4, 2.Mod2.AD3, 2.Mod2.AD5

**Lesson 11:** Use math drawings to compose a hundred and relate to written recordings.

2.NBT.B.7, MP6, 2.Mod2.AD3, 2.Mod2.AD5

**Lesson 12:** Use place value drawings to compose a ten and a hundred with two- and three-digit addends. Relate to written recordings.

2.NBT.B.7, MP3, 2.Mod2.AD3, 2.Mod2.AD5

**Lesson 5:** Relate the square to the cube and use attributes to describe a cube.

2.G.A.1, MP7, 2.Mod3.AD4. 2.Mod3.AD5

## Topic B: Composite Shapes and Fraction Concepts

Lesson 6: Recognize that a whole polygon can be decomposed into smaller parts and the parts can be composed to make a whole.

2.G.A.1, MP7, 2.Mod3.AD4,

2.Mod3.AD5

**Lesson 7:** Combine shapes to create a composite shape and create a new shape from composite shapes.

2.G.A.1, MP3, 2.Mod3.AD4, 2.Mod3.AD5

**Lesson 8:** Create composite shapes by using equal parts and name them as halves, thirds, and fourths. **2.G.A.3, MP5, 2.Mod3.AD6** 

**Lesson 9:** Interpret equal shares in composite shapes as halves, thirds, and fourths.

2.G.A.3, MP3, 2.Mod3.AD6

# Topic C: Halves, Thirds, and Fourths of Circles and Rectangles

Lesson 10: Partition circles and rectangles into equal parts and describe those parts as halves.

2.G.A.3, MP7, 2.Mod3.AD6

2.OA.A.1, 2.NBT.B.5, MP5, 2.Mod4.AD1, 2.Mod4.AD4

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

Lesson 5: Use the associative property to make a benchmark number to add within 1,000.
2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.9, MP3, 2.Mod4.AD4, 2.Mod4.AD6, 2.Mod4.AD10

**Lesson 6:** Use compensation to add within 1,000.

2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.9, MP1, 2.Mod4.AD4, 2.Mod4.AD6, 2.Mod4.AD10

**Lesson 7:** Use concrete models to add and relate them to written recordings.

2.OA.B.2, 2.NBT.B.7, MP6, 2.Mod4.AD2, 2.Mod4.AD6

Lesson 8: Use place value drawings to represent addition and relate them to written recordings, part 1. 2.OA.B.2, 2.NBT.B.7, MP7, 2.Mod4.AD2, 2.Mod4.AD6

Lesson 9: Use place value drawings to represent addition and relate them to written recordings, part 2. 2.OA.B.2, 2.NBT.B.7, MP6, 2.Mod4.AD2, 2.Mod4.AD6

**Lesson 10:** Choose and defend efficient solution strategies for addition.

**Lesson 6:** Solve word problems by using different ways to make change from 1 dollar.

2.MD.C.8, MP3, 2.Mod5.AD6

Lesson 7: Solve word problems by using bills and coins. (Optional)
2.MD.C.8, MP1, 2.Mod5.AD6

### Topic B: Use Customary Units to Measure and Estimate Length

**Lesson 8**: Iterate an inch tile to create a unit ruler and measure to the nearest inch.

2.MD.A.1, MP6, 2.Mod5.AD1

Lesson 9: Use an inch ruler and a yard stick to estimate and measure the length of various objects.

2.MD.A.1, 2.MD.A.3, MP5,

**Lesson 10:** Measure an object twice by using different length units, and

compare and relate measurement

2.Mod5.AD1, 2.Mod5.AD3

2.MD.A.2, MP6, 2.Mod5.AD2

to unit size.

**Lesson 11:** Measure to compare differences in lengths.

2.MD.A.4, MP5, 2.Mod5.AD4

Lesson 12: Identify unknown numbers on a number line by using the interval as a reference point. 2.MD.B.6, MP7, 2.Mod1.AD5

## Topic B: Arrays and Equal Groups

Lesson 5: Compose arrays with rows and columns and use a repeated count to find the total. 2.OA.C.3, 2.OA.C.4, MP8, 2.Mod6.AD3, 2.Mod6.AD4

**Lesson 6:** Decompose arrays into rows and columns and relate them to repeated addition.

2.OA.C.3, 2.OA.C.4, MP7, 2.Mod6.AD3, 2.Mod6.AD4

Lesson 7: Distinguish between rows and columns and use math drawings to represent arrays.

2.OA.C.3, 2.OA.C.4, MP7,

2.Mod6.AD3, 2.Mod6.AD4

**Lesson 8:** Use square tiles to create arrays with gaps.

2.OA.C.3, 2.OA.C.4, MP7, 2.Mod6.AD3, 2.Mod6.AD4

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

Lesson 9: Determine the attributes of a square array.
2.OA.C.3, 2.OA.C.4, MP8,

2.Mod6.AD3

Lesson 10: Use math drawings to compose a rectangle.
2.OA.C.3, 2.OA.C.4, MP7,
2.Mod6.AD3

Module 1 Module 2 Module 3 Module 4 Module 5 Module 6

**Lesson 12:** Model and reason about the difference in length.

2.MD.A.4, MP4, 2.Mod1.AD3

**Lesson 13:** Estimate and measure height to model metric relationships.

2.MD.A.1, 2.MD.A.3, MP5, 2.Mod1.AD1, 2.Mod1.AD2

**Lesson 14:** Represent and compare students' heights.

2.MD.A.4, MP2, 2.Mod1.AD3

## Topic D: Solve *Compare*Problems by Using the Ruler as a Number Line

Lesson 15: Use a measuring tape as a number line to add efficiently.
2.MD.B.6, MP7, 2.Mod1.AD5,
2.Mod1.AD6

**Lesson 16:** Use a measuring tape as a number line to subtract efficiently.

2.MD.B.6, MP2, 2.Mod1.AD5, 2.Mod1.AD7

**Lesson 17:** Represent and solve comparison problems by using measurement contexts.

2.MD.B.5, 2.MD.B.6, MP5, 2.Mod1.AD4, 2.Mod1.AD6, 2.Mod1.AD7

Lesson 18: Solve compare with difference unknown word problems by using measurement contexts.

2.MD.B.5, 2.MD.B.6, MP2, MP5,

2.Mod1.AD4, 2.Mod1.AD6,

2.Mod1.AD7

### Topic C: Simplifying Strategies for Subtraction

Lesson 13: Represent and solve take from word problems.
2.OA.A.1, MP3, 2.Mod2.AD1

**Lesson 14:** Use addition and subtraction strategies to find an unknown part.

2.NBT.B.7, MP7, 2.Mod2.AD4

**Lesson 15:** Use compensation to subtract within 100.

2.NBT.B.7, MP2, 2.Mod2.AD4

**Lesson 16:** Use compensation to subtract within 200.

2.NBT.B.7, MP8, 2.Mod2.AD4

**Lesson 17:** Take from a ten to subtract within 200.

2.NBT.B.7, MP6, 2.Mod2.AD4

**Lesson 18:** Take from a hundred to subtract within 200.

2.NBT.B.7, MP7, 2.Mod2.AD4

**Lesson 19:** Solve word problems with simplifying strategies for subtraction.

2.OA.A.1, 2.NBT.B.7, MP3, 2.Mod2.AD1, 2.Mod2.AD4

### Topic D: Strategies for Decomposing a Ten and a Hundred to Subtract

**Lesson 20:** Reason about when to unbundle a ten to subtract.

**Lesson 11:** Partition circles and rectangles into equal parts, and describe those parts as halves, thirds, or fourths.

2.G.A.3, MP6, 2.Mod3.AD6

**Lesson 12:** Describe a whole by the number of equal parts in halves, thirds, and fourths.

2.G.A.3, MP3, 2.Mod3.AD6

**Lesson 13:** Recognize that equal parts of an identical rectangle can be different shapes.

2.G.A.3, MP4, 2.Mod3.AD7

### Topic D: Application of Fractions to Tell Time

**Lesson 14:** Distinguish between a.m. and p.m.

2.MD.C.7, MP6, 2.Mod3.AD3

**Lesson 15:** Recognize time as measurement units.

2.MD.C.7, MP7

Lesson 16: Use a clock to tell time to the half hour or quarter hour. 2.MD.C.7, MP3, 2.Mod3.AD2

Lesson 17: Relate the clock to a number line to count by fives. 2.NBT.A.2, 2.MD.C.7, MP2, 2.Mod3.AD1, 2.Mod3.AD2

**Lesson 18:** Tell time to the nearest 5 minutes.

2.NBT.A.2, 2.MD.C.7, MP6, 2.Mod3.AD1, 2.Mod2.AD2

2.OA.B.2, 2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.9, MP8, 2.Mod4.AD2, 2.Mod4.AD4, 2.Mod4.AD6, 2.Mod4.AD10

**Lesson 11:** Choose and defend

efficient solution strategies to add up to four two-digit numbers. 2.OA.B.2, 2.NBT.B.5, 2NBT.B.6, 2.NBT.B.9, MP4, 2.Mod4.AD2, 2.Mod4.AD4, 2.Mod2.AD2, 2.Mod4.AD10

### Topic C: Simplifying Strategies for Subtracting Within 1,000

Lesson 12: Take from a ten or a hundred to subtract. 2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.9, MP7, 2.Mod4.AD5, 2.Mod4.AD7, 2.Mod4.AD11

**Lesson 13:** Use compensation to subtract within 1,000.

2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.9, MP3, 2.Mod4.AD5, 2.Mod4.AD7, 2.Mod4.AD11

**Lesson 14:** Use compensation to keep a constant difference by adding the same amount to both numbers.

2.NBT.B.7, 2.NBT.B.9, MP2, 2.Mod4.AD11

**Lesson 15:** Use compensation to keep a constant difference by subtracting the same amount from both numbers.

## Topic C: Use Measurement and Data to Solve Problems

**Lesson 13:** Solve word problems that involve measurements and reason about estimates.

2.MD.B.5, MP6, 2.Mod5.AD5

**Lesson 14:** Solve addition and subtraction two-step word problems that involve length. **2.MD.B.5, MP4, 2.Mod5.AD5** 

Lesson 15: Use measurement data to create a line plot. 2.MD.D.9, MP7, 2.Mod5.AD7

**Lesson 16:** Create a line plot to represent data and ask and answer questions.

2.MD.D.9, 2.Mod5.AD7



**Lesson 11:** Decompose an array to find the total efficiently.

2.OA.C.3, 2.OA.C.4, 2.G.A.2, MP7, 2.Mod6.AD3, 2.Mod6.AD5

Lesson 12: Reason about how equal arrays can be composed differently. 2.OA.C.3, 2.OA.C.4, 2.G.A.2, MP3, 2.Mod6.AD3, 2.Mod6.AD5

Lesson 13: Decompose an array and relate it to a number bond.

2.OA.C.3, 2.OA.C.4, 2.G.A.2,

MP4, 2.Mod6.AD3, 2.Mod6.AD5

## Topic D: The Meaning of Even and Odd Numbers

**Lesson 14:** Relate doubles to even numbers and write equations to express the sums.

2.OA.C.3, MP8, 2.Mod6.AD2

**Lesson 15:** Pair objects and skipcount to determine whether a number is even or odd.

2.OA.C.3, MP7, 2.Mod6.AD2

**Lesson 16:** Use rectangular arrays to investigate combinations of even and odd numbers.

2.OA.C.3, MP3, 2.Mod6.AD2

**Lesson 17:** Solve word problems that involve equal groups and arrays.

2.OA.A.1, 2.OA.C.3, 2.OA.C.4, MP4, 2.Mod6.AD1, 2.Mod6.AD3, 2.Mod6.AD4

Lesson 18: Use various strategies to fluently add and subtract within 100

Module 1 Module 2 Module 3 Module 4 Module 5 Module 6 **Lesson 19:** Solve compare with 2.NBT.B.7, MP7, 2.Mod2.AD4, Lesson 19: Solve elapsed time 2.NBT.B.7, 2.NBT.B.9, MP5, and know all sums and differences problems. (Optional) within 20 from memory. (Optional) difference unknown word problems 2.Mod2.AD6 2.Mod4.AD7, 2.Mod4.AD11 MP8 2.OA.B.2 in various contexts. Lesson 21: Use concrete models to 2.MD.B.5, 2.MD.B.6, MP1, Topic D: Strategies for 2.Mod1.AD4, 2.Mod1.AD6, decompose a ten with two-digit totals. 2.Mod1.AD7 2.NBT.B.7, MP8, 2.Mod2.AD6 **Decomposing Tens and** Hundreds Within 1,000 **Lesson 22:** Use place value

### **Topic E: Understand Place** Value Units

**Lesson 20:** Count and bundle ones. tens, and hundreds to 1,000. 2.NBT.A.1.a, MP8, 2.Mod1.AD12

Lesson 21: Count efficiently within 1,000 by using ones, tens, and hundreds.

2.NBT.A.2, MP4, 2.Mod1.AD13

**Lesson 22:** Use counting strategies to solve add to with change unknown word problems.

2.OA.A.1, 2.NBT.A.2, MP1, 2.Mod1.AD10, 2.Mod1.AD13

Lesson 23: Organize, count, and record a collection of objects. 2.NBT.A.1.a, 2.NBT.A.2,

2.NBT.A.3, MP1, 2.Mod1.AD12, 2.Mod1.AD13, 2.Mod1.AD15

#### Topic F: Three-Digit Numbers in Different Forms

Lesson 24: Count up to 1,000 by using place value units. 2.NBT.A.1, 2.NBT.A.1.b, 2.NBT.A.2, MP7, 2.Mod1.AD11,

2.Mod1.AD13

drawings to decompose a ten and relate them to written recordings. 2.NBT.B.7, MP7, 2.Mod2.AD4,

**Lesson 23:** Use concrete models and drawings to decompose a hundred.

2.Mod2.AD6

2.NBT.B.7, MP2, 2.Mod2.AD4, 2.Mod2.AD6

Lesson 24: Use place value drawings to decompose a hundred and relate them to written recordings.

2.NBT.B.7, MP8, 2.Mod2.AD4, 2.Mod2.AD6

Lesson 25: Use place value drawings to subtract with two decompositions.

2.NBT.B.7, MP1, 2.Mod2.AD4, 2.Mod2.AD6

**Lesson 26:** Solve add to and take from with start unknown word problems.

2.OA.A.1, MP4, 2.Mod2.AD1

**Lesson 27:** Solve two-step word problems within 100. 2.OA.A.1, MP2

Lesson 16: Use concrete models to subtract and relate them to written recordings. 2.OA.B.2, 2.NBT.B.7, MP6, 2.Mod4.AD3, 2.Mod4.AD7 **Lesson 17:** Use place value drawings to represent subtraction with one decomposition and relate them to written recordings. 2.OA.B.2, 2.NBT.B.7, MP5, 2.Mod4.AD3, 2.Mod4.AD7 Lesson 18: Use place value

drawings to represent subtraction with up to two decompositions and relate them to written recordings. 2.OA.B.2, 2.NBT.B.7, MP4, 2.Mod4.AD3, 2.Mod4.AD7

Lesson 19: Use place value drawings to represent subtraction from numbers with 0 in the tens and/or ones place and relate to a written recording.

2.OA.B.2, 2.NBT.B.7, MP3, 2.Mod4.AD3, 2.Mod4.AD7

Lesson 20: Subtract by using multiple strategies and defend an efficient strategy.

2.OA.B.2, 2.NBT.B.5, 2.NBT.B.7, 2.NBT.B.9, MP3, 2.Mod4.AD3, 2.Mod4.AD5, 2.Mod4.AD7, 2.Mod4.AD11

Module 1	Module 2	Module 3	Module 4	Module 5	Module 6
Lesson 25: Write three-digit					
numbers in unit form and show the					
value that each digit represents.			Topic E: Apply Efficient		
2.NBT.A.1, 2.NBT.A.1.b, MP7,			Addition and Subtraction		
2.Mod1.AD11			Strategies		
			Strategies		
Lesson 26: Write base-ten numbers			Lesson 21: Apply strategies to find		
in expanded form.			sums and differences and relate		
2.NBT.A.3, MP7, 2.Mod1.AD15			addition to subtraction.		
,					
Lesson 27: Read, write, and relate			2.NBT.B.7, 2.NBT.B.9, MP7,		
base-ten numbers in all forms.			2.Mod4.AD6, 2.Mod4.AD7,		
2.NBT.A.1, 2.NBT.A.1.b,			2.Mod4.AD10, 2.Mod4.AD11		
2.NBT.A.3, MP3, 2.Mod1.AD11,			L		
2.Mod1.AD15			Lesson 22: Solve compare with		
2.111041171510			smaller unknown word problems.		
			2.OA.A.1, 2.NBT.B.5, MP1,		
Topic G: Model Base-Ten			2.Mod4.AD1, 2.Mod4.AD4,		
Numbers Within 1,000 with			2.Mod4.AD5		
Money			Lesson 23: Solve two-step addition		
			and subtraction word problems.		
Lesson 28: Use place value			2.OA.A.1, 2.NBT.B.5, MP5,		
understanding to count and			2.Mod4.AD1, 2.Mod4.AD4,		
exchange \$1, \$10, and \$100 bills.			2.Mod4.AD5		
2.NBT.A.1, 2.NBT.A.1.b,					
2.NBT.A.1.a, MP6, 2.Mod1.AD11,			Lesson 24: Organize, count, and		
2.Mod1.AD12			represent a collection of objects.		
			2.NBT.B.7, MP6, 2.Mod4.AD6,		
<b>Lesson 29:</b> Count by \$1, \$10, and			2.Mod4.AD7		
\$100.					
2.NBT.A.2, MP8, 2.Mod1.AD13,					
2.Mod1.AD14					
Lesson 30: Determine how many					
\$10 bills are equal to \$1,000.					
2.NBT.A.1, 2.NBT.A.1.a,					
2.NBT.A.1.b, 2.NBT.A.2, MP1,					
2.Mod1.AD11, 2.Mod1.AD12,					
2.Mod1.AD13					

Module 1	Module 2	Module 3	Module 4	Module 5	Module 6
Topic H: Compose and Decompose with Place Value Disks					
Lesson 31: Count the total value of ones, tens, and hundreds with place value disks.  2.NBT.A.1, 2.NBT.A.1.b,  2.NBT.A.3, MP6, 2.Mod1.AD11,  2.Mod1.AD15					
Lesson 32: Exchange 10 ones for 1 ten, 10 tens for 1 hundred, and 10 hundreds for 1 thousand. 2.NBT.A.1, 2.NBT.A.1.a, 2.NBT.A.1.b, MP7, 2.Mod1.AD11, 2.Mod1.AD12					
Lesson 33: Model numbers with more than 9 ones or 9 tens. 2.NBT.A.1, 2.NBT.A.1.b, MP5, 2.Mod1.AD11					
Lesson 34: Problem solve in situations with more than 9 ones or 9 tens. 2.NBT.A.1, 2.NBT.A.1.a, 2.NBT.A.1.b, MP3, 2.Mod1.AD11, 2.Mod1.AD12					
Topic I: Compare Two Three- Digit Numbers in Different Forms					
Lesson 35: Compare three-digit numbers by using >, =, and <. 2.NBT.A.4, MP6, 2.Mod1.AD16					

Module 1	Module 2	Module 3	Module 4	Module 5	Module 6
Lesson 36: Apply place value understanding to compare by using >, =, and <. 2.NBT.A.4, MP8, 2.Mod1.AD16					
Lesson 37: Organize, count, represent, and compare a collection of objects. 2.NBT.A.2, 2NBT.A.4, MP1, 2.Mod1.AD13, 2.Mod1.AD16					
Lesson 38: Compare numbers in different forms. (Optional) 2.NBT.A.3, 2.NBT.A.4, MP7, 2.Mod1.AD15, 2.Mod1.AD16					