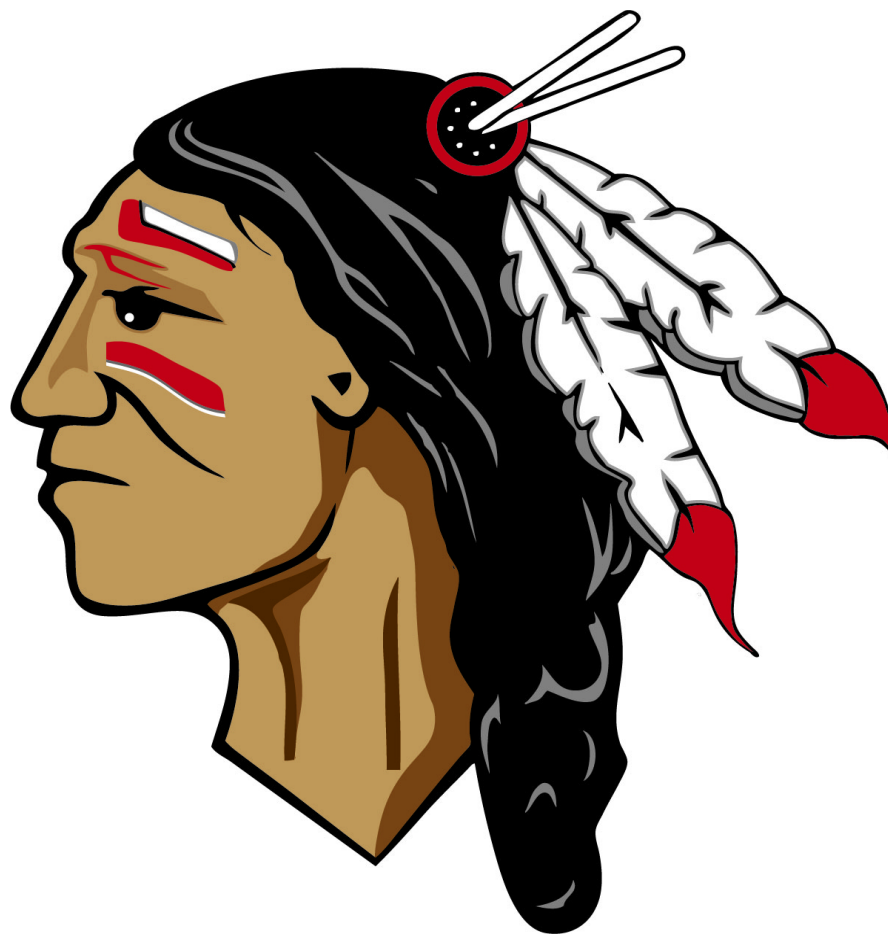


# Westside Elementary School 22-23 Curriculum Map and Pacing Guide Kindergarten Math



Map is still under construction and will be revised throughout the year.

## WESTSIDE ELEMENTARY SCHOOL Kindergarten Math CURRICULUM MAP

### Quarter 1- Big Ideas: AR STANDARDS / SKILLS

### SUPPLY LIST

#### POWER STANDARDS:

K.MD.3	K.CC.4a K.CC.4b K.CC.4c	K.CC.5 K.OA.3	K.CC.3 K.CC.2 K.CC.5				
<b>Essential Standards Assessed for “Mastery” This Quarter</b> ----->							

#### **Mathematical Practices:**

**MP.2 Reason abstractly and quantitatively.** Students represent quantities with numerals.

**MP.3 Construct viable arguments and critique the reasoning of others.** Students reason about each other’s ways of counting fingers or a scattered set of objects. They reason about counting fingers by comparing the fingers counted and about scattered objects by comparing counting paths through a set of up to 10 scattered objects.

**MP.4 Model with mathematics.** Students model decompositions of three objects as math drawings and addition equations.

**MP.7 Look for and make use of structure.** Students use the 5-group to reason about numbers within 10.

**MP.8 Look for and express regularity in repeated reasoning.** Students build a number stair to reason about 1 more and 1 less than each number within 10.

## EUREKA MODULES OF INSTRUCTION: MODULE 1 Lesson 1-30

**COMMON ASSESSMENTS FOR QUARTER 1: Module 1 Mid Module Assessment (September 18-20)****1st Quarter: STANDARDS and Student “I Can” Statements****Vocabulary****Module 1- Topic A- Standard: K.MD.3**

## Attributes of Two Related Objects

- Lesson 1: I can analyze to find two objects that are exactly the same or not exactly the same.
- Lesson 2: I can analyze to find two similar objects—these are the same but...
- Lesson 3: I can classify to find two objects that share a visual pattern, color, and use.

**Topic B- Standards: K.CC.4a K.CC.4b K.MD.3**

## Classify to Make Categories and Count

- Lesson 4: I can classify items into two pre-determined categories.
- Lesson 5: I can classify items into three categories, determine the count in each, and reason about how the last number named determines the total.
- Lesson 6: I can sort categories by count. Identify categories with 2, 3, and 4 within a given scenario.

**Topic C- Standards: K.CC.4a K.CC.4b K.CC.5 K.OA.3 K.MD.3**

## Numbers to 5 in Different Configurations, Math Drawings, and Expressions

- Lesson 7: I can sort by count in vertical columns and horizontal rows (linear configurations to 5). Match to numerals on cards.
- Lesson 8: I can answer how many questions to 5 in linear configurations (5-group), with 4 in an array configuration. Compare ways to count five fingers.
- Lesson 9: I can find hidden partners within linear and array dot configurations of numbers 3, 4, and 5.
- Lesson 10: I can find hidden partners within circular and scattered dot configurations of numbers 3, 4, and 5.

**New Module 1**

- Exactly the same, not exactly the same, and the same, but...  
**Lesson 2** (ways to analyze objects to match or sort) **lesson 1**
- Match (group items that are the same or that have the same given attribute) **lesson 3**
- Sort (group objects according to a particular attribute) **lesson 4**
- How many? (with reference to counting quantities or sets) **lesson 8**
- Hidden partners (embedded numbers)

- Lesson 11: I can model decompositions of 3 with materials, drawings, and expressions. Represent the decomposition as  $1 + 2$  and  $2 + 1$ .

**Topic D- Standards: K.CC.3 K.CC.4a K.CC.4b K.CC.5**

The Concept of Zero and Working with Numbers 0-5

- Lesson 12: I can understand the meaning of zero. Write the numeral 0.
- Lesson 13: I can order and write numerals 0–3 to answer how many questions.
- Lesson 14: I can write numerals 1–3. Represent decompositions with materials, drawings, and equations,  $3 = 2 + 1$  and  $3 = 1 + 2$ .
- Lesson 15: I can order and write numerals 4 and 5 to answer how many questions in categories; sort by count.
- Lesson 16: I can write numerals 1–5 in order. Answer and make drawings of decompositions with totals of 4 and 5 without equations.

**Topic E- Standards: K.CC.3 K.CC.4a K.CC.4b K.CC.5 K.MD.3**

Working with Numbers 6-8 in different configurations

- Lesson 17: I can count 4–6 objects in vertical and horizontal linear configurations and array configurations. Match 6 objects to the numeral 6.
- Lesson 18: I can count 4–6 objects in circular and scattered configurations. Count 6 items out of a larger set. Write numerals 1–6 in order.
- Lesson 19: I can count 5–7 linking cubes in linear configurations. Match with numeral 7. Count on fingers from 1 to 7, and connect to 5-group images.
- Lesson 20: I can reason about sets of 7 varied objects in circular and scattered configurations. Find a path through the scattered configuration. I can write numeral 7. Ask, “How is your seven different than mine?”
- Lesson 21: I can compare counts of 8. Match with numeral 8.
- Lesson 22: I can arrange and strategize to count 8 beans in circular (around a cup) and scattered configurations. Write numeral 8. Find a path through the scattered set, and compare paths with a partner.

**Topic F- Standards: K.CC.3 K.CC.4a K.CC.4b K.CC.5**

Working with Numbers 9-10 in different configurations

- Lesson 23: I can organize and count 9 varied geometric objects in linear and array (3 threes) configurations. Place objects on 5-group mat. Match with numeral 9.
- Lesson 24: I can strategize to count 9 objects in circular (around a paper plate) and scattered configurations printed on paper. Write numeral 9. I can represent a path through the scatter count with a pencil. Number

**lesson 9**

- Counting Paths (with reference to order of count) **lesson 10**
- Number story (stories with add to or take from situations) **lesson 11**
- Zero (Understand the meaning of, write, and recognize) **lesson 12**
- Number Sentence ( $3=2+1$ ) **lesson 14**
- 5-Group (picture to the right) **lesson 17**
- Rows and columns (linear configuration types) **lesson 17**
- Number Path **lesson 28**
- 1 more (example 4. 1 more is 5) **lesson 29**
- 1 less (example 4. 1 less is 3) **lesson 34**

each object.

- Lessons 25–26: I can count 10 objects in linear and array configurations (2 fives). Match with numeral 10. Place on the 5-group mat. Dialogue about 9 and 10. Write numeral 10.
- Lesson 27: I can count 10 objects, and move between all configurations.
- Lesson 28: I can act out result unknown story problems without equations.

**Topic G- Standards: K.CC.4a K.CC.4b K.CC.4c K.CC.2 K.CC.5**

One More with Numbers 0–10

- Lesson 29: I can order and match numeral and dot cards from 1 to 10. State 1 more than a given number.
- Lesson 30: I can make math stairs from 1 to 10 in cooperative groups.

### Quarter 1 Pacing

Week 1	Essential Standards Addressed	Eureka Module Topic, Lesson	Spiral Skills	Common Assessments
Aug. 15	No school for students			
Day 1 Aug. 16		Introduce materials and begin counting. Shape: Circle Color: Red Number: 1		
Day 2 Aug. 17		Introduce materials and begin counting. Shape: Circle Color: Red Number: 1		
Day 3 Aug. 18		Introduce materials and begin counting.		

		Shape: Circle Color: Red Number: 1		
Day 4 Aug. 19		Introduce materials and begin counting. Shape: Circle Color: Red Number: 1		
<b>Week 2</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Aug. 22	K.MD.B.3, MP6, K.Mod1.AD10	Eureka2 Module 1 Lesson 1 Shape: Triangle Color: yellow Number: 2		
Day 2 Aug. 23	K.MD.B.3, MP2, K.Mod1.AD10	Modules 1 Lesson 2 Shape: Triangle Color: yellow Number: 2		
Day 3 Aug. 24	K.CC.B.5, K.MD.B.3, MP7, K.Mod1.AD8, K.Mod1.AD10	Module 1 Lesson 3 Shape: Triangle Color: yellow Number: 2		
Day 4 Aug. 25	K.CC.A.1, K.MD.B.3, MP4, K.Mod1.AD1, K.Mod1.AD10	Module 1 Lesson 4 Shape: Triangle Color: yellow Number: 2		
Day 5 Aug. 26	K.CC.A.3, K.MD.B.3, MP3, K.Mod1.AD3, K.Mod1.AD10	Module 1 Lesson 5 Shape: Triangle Color: yellow Number: 2		
<b>Week 3</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>

Day 1 Aug.29	K.CC.A.1, K.CC.B.4.a, K.CC.B.4.b, K.CC.B.5, MP1, K.Mod1.AD1, K.Mod1.AD4, K.Mod1.AD5, K.Mod1.AD8	Module 1 Lesson 6 Shape: square Color: blue Number: 3		
Day 2 Aug. 30	K.CC.A.3, K.CC.B.4.a, K.CC.B.4.b, K.CC.B.5, MP2, K.Mod1.AD3, K.Mod1.AD4, K.Mod1.AD5, K.Mod1.AD8	Module 1 Lesson 7 Shape: square Color: blue Number: 3		
Day 3 Aug. 31	K.CC.B.5, MP2, K.Mod1.AD8	Module 1 Lesson 8 Shape: square Color: blue Number: 3		
Day 4 Sept 1	K.CC.B.4.b, MP 8, K.Mod1.AD6	Module 1 Lesson 9 Shape: square Color: blue Number: 3		
Day 5 Sept 2	K.CC.B.5, MP2, K.Mod1.AD9	Module 1 Lesson 10 Shape: square Color: blue Number: 3		
<b>Week 4</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Sept. 5	No School Labor Day			
Day 2 Sept 6	K.CC.A.3, MP6, K.Mod1.AD2	Module 1 Lesson 11 Shape: rectangle Color: green Number: 4		
Day 3 Sept 7	K.CC.A.1, K.CC.A.3, MP2, K.Mod1.AD1, K.Mod1.AD2	Module 1 Lesson 12 Shape: rectangle Color: green Number: 4		

Day 4 Sept 8	K.CC.B.4.a, K.CC.B.4.b, MP3, K.Mod1.AD4, K.Mod1.AD5	Module 1 Lesson 13 Shape: rectangle Color: green Number: 4		
Day 5 Sept 9	K.CC.A.3, MP2, K.Mod1.AD2, K.Mod1.AD3	Module 1 Lesson 14 Shape: rectangle Color: green Number: 4		
<b>Week 5</b>			<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Sept 12	K.MD.B.3, K.OA.A.3, MP6, K.Mod1.AD10	Module 1 Lesson 15 Shape: hexagon Color: orange Number: 5		
Day 2 Sept 13	K.MD.B.3, K.OA.A.3, MP5, K.Mod1.AD1 0	Module 1 Lesson 16 Shape: hexagon Color: orange Number: 5		
Day 3 Sept 14	MP4, MP5	Module 1 Lesson 17 Shape: hexagon Color: orange Number: 5		
Day 4 Sept 15	MP2	Module 1 Lesson 18 Shape: hexagon Color: orange Number: 5		
Day 5 Sept 16	K.CC.A.1, K.CC.B.4.a, K.CC.B.4.b, K.CC.B.5, MP5, K.Mod1.AD1, K.Mod1.AD4, K.Mod1.AD5, K.Mod1.AD8	Module 1 Lesson 19 Shape: hexagon Color: orange Number: 5		
<b>Week 6</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>



Day 1 Sept 19	K.CC.B.4.b, K.CC.B.5, K.CC.A.3, MP7, K.Mod1.AD5, K.Mod1.AD8	Module 1 Lesson 20 Shape: sphere Color: purple Number: 6		
Day 2 Sept 20	K.CC.A.3, K.CC.B.5, MP6, K.Mod1.AD3, K.Mod1.AD8	Module 1 Lesson 21 Shape: sphere Color: purple Number: 6		
Day 3 Sept 21	K.CC.A.3, K.CC.B.5, MP2, K.Mod1.AD3, K.Mod1.AD8	Module 1 Lesson 22 Shape: sphere Color: purple Number: 6		
Day 4 Sept. 22	K.CC.B.4.b, MP8, K.Mod1.AD6	Module 1 Lesson 23 Shape: sphere Color: purple Number: 6		
Day 5 Sept 23	K.CC.B.5, MP4, K.Mod1.AD9	Module 1 Lesson 24 Shape: sphere Color: purple Number: 6		
<b>Week 7</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Sept. 26	K.CC.A.3, MP2, K.Mod1.AD2	Module 1 Lesson 25 Shape: cube Color: purple Number: 7		
Day 2 Sept. 27	K.CC.A.1, K.CC.A.3, MP7, K.Mod1.AD1, K.Mod1.AD2	Module 1 Lesson 26 Shape: cube Color: purple Number:7		
Day 3 Sept. 28	K.CC.A.3, MP5, K.Mod1.AD2	Module 1 Lesson 27 Shape: cube		

		Color: purple Number: 7		
Day 4 Sept. 29	K.CC.A.1, MP7, K.Mod1.AD1	Module 1 Lesson 28 Shape: cube Color: purple Number: 7		
Day 5 Sept. 30	K.CC.B.4.c, MP8, K.Mod1.AD7	Module 1 Lesson 29 Shape: cube Color: purple Number: 7		
<b>Week 8</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Oct 3	K.CC.B.4.c, MP7, K.Mod1.AD7	Module 1 Lesson 30 Shape: cylinder Color: brown Number: 8		
Day 2 Oct 4	K.CC.B.4.c, MP8, K.Mod1.AD7	Module 1 Lesson 31 Shape: cylinder Color: brown Number: 8		
Day 3 Oct 5	K.CC.B.4.c, MP7, K.Mod1.AD7	Module 1 Lesson 32 Shape: cylinder Color: brown Number: 8		
Day 4 Oct 6	K.CC.A.1, K.CC.B.4.a, K.CC.B.4.b, K.CC.B.5, MP4, K.Mod1.AD1, K.Mod1.AD4, K.Mod1.AD5, K.Mod1.AD8	Module 1 Lesson 33 Shape: cylinder Color: brown Number: 8		
Day 5 Oct 7	Review and test			
<b>Week 9</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>

Day 1 Oct 10	K.G.B.4, MP6, K.Mod2.AD5	Module 2 Lesson 1 Color: pink Shape: cone Number: 9		
Day 2 Oct 11	K.G.A.1, K.G.A.2, K.G.B.4, MP3, MP6, K.Mod2.AD1, K.Mod2.AD3, K.Mod2.AD5	Module 2 Lesson 2 Color: pink Shape: cone Number: 9		
Day 3 Oct 12	K.G.A.1, K.G.A.2, K.G.B.4, MP7, K.Mod2.AD1, K.Mod2.AD3, K.Mod2.AD5, K.Mod2.AD6	Module 2 Lesson 3 Color: pink Shape: cone Number: 9		
Day 4 Oct 13	K.G.A.1, K.G.A.2, K.G.B.4, MP3, MP6, K.Mod2.AD1, K.Mod2.AD3, K.Mod2.AD5, K.Mod2.AD6	Module 2 Lesson 4 Color: pink Shape: cone Number: 9		
Day 5 Oct 14	No School			

**Quarter 2- Big Ideas:**  
**AR STANDARDS / SKILLS**

**SUPPLY LIST**

**POWER STANDARDS:**

K.MD.3	K.CC.4a K.CC.4b	K.CC.5 K.OA.3	K.CC.3	K.G.1 K.G.2 K.G.4 K.G.3	K.MD.1 K.MD.2 K.CC.4c K.CC.6	K.CC.7	
<b>Essential Standards Assessed for “Mastery” This Quarter</b> ----->							

Mathematical Practice:

**MP.1 Make sense of problems and persevere in solving them.**

Students distinguish shapes from among variants, palpable distractors, and difficult distractors.<sup>2</sup> (See examples to the right.)

**MP.2 Reason abstractly and quantitatively.** Students reason about the relationships between numbers in composition and decomposition situations. For example, they can use the number bond mat to show and explain that 6 and 4 make 10 and that 10 can be broken into 6 and 4.

**MP.3 Construct viable arguments and critique the reasoning of others.**

Students are increasingly able to use shape attributes to defend identification of a plane or solid Shape.

**MP.4 Model with mathematics.** Students use number bonds and addition and subtraction equations to model composition and decomposition. Students tell story problems using drawings, numbers, and symbols.

**MP.5 Use appropriate tools strategically.** Students select and use tools such as drawings, number bonds, and the number path to solve problems.’

**MP.6 Attend to precision.** Students use position words to clearly indicate the location of shapes. Also, when Kindergarten students are analyzing and defining

attributes such as “3 straight sides,” they are attending to precision.

**MP.7 Look for and make use of structure.** Students use examples, non-examples, and shared attributes of geometric figures in order to develop a richer concept image (Geometry Progressions, p. 6) of each geometric shape. This concept image allows for more acute discernment of the shape within the environment.

**MP.8 Look for and express regularity in repeated reasoning.** Students add and subtract 0 to get the same number. They also use linking cubes to add and subtract 1 to reason about 1 more and 1 less than with numbers to 10

EUREKA MODULES OF INSTRUCTION: [MODULE 1](#) Lesson 31-37 [MODULE 2](#) Lessons 1-10 [MODULE 3](#) Lessons 1-15

**COMMON ASSESSMENTS FOR QUARTER 2: Module 1 End of Module Assessment (October 28-30)  
Module 2 End of Module Assessment (November 15-18)  
Module 3 Mid Module Assessment (December 17-19)**

2nd Quarter: STANDARDS and Student “I Can” Statements

Vocabulary

Module 1-Topic G- Standards: K.CC.4a K.CC.4b K.CC.4c K.CC.2 K.CC.5

One More with Numbers 0-10

- New**
- 1 more (example 4. 1 more is 5)

- Lesson 31: I can arrange, analyze, and draw 1 more up to 10 in configurations other than towers.
- Lesson 32: I can arrange, analyze, and draw sequences of quantities of 1 more, beginning with numbers other than 1.

**Topic H- Standards K.CC.4a K.CC.4b K.CC.4c K.CC.5**

**One Less with Numbers 0–10**

- Lesson 33: I can order quantities from 10 to 1, and match numerals.
- Lesson 34: I can count down from 10 to 1, and state 1 less than a given number.
- Lesson 35: I can arrange number towers in order from 10 to 1, and describe the pattern.
- Lesson 36: I can arrange, analyze, and draw sequences of quantities that are 1 less in configurations other than towers.
- Lesson 37: Culminating task: Decide how to classify the objects in your bag into two groups. Count the number of objects in each group. Represent the greater number in various ways. Next, remove the card from your pack that shows the number of objects in the smaller group. Put your remaining cards in order from smallest to greatest. Your friends will have to figure out what card is missing when they visit your station!

**Module 2-Topic A- Standards K.G.1 K.G.2 K.G.4 K.MD.3**

**A Two-Dimensional Flat Shapes**

- Lesson 1: I can find and describe flat triangles, squares, rectangles, hexagons, and circles using informal language without naming.
- Lesson 2: I can explain decisions about classifications of triangles into categories using variants and non-examples. Identify shapes as triangles.
- Lesson 3: I can explain decisions about classifications of rectangles into categories using variants and non-examples. Identify shapes as rectangles.
- Lesson 4: I can explain decisions about classifications of hexagons and circles, and identify them by name. Make observations using variant and non-examples.
- Lesson 5: I can describe and communicate positions of all flat shapes using the words above, below, beside, in front of, next to, and behind.

**Topic B- Standards: K.G.1 K.G.2 K.G.4 K.MD.3**

**Three-Dimensional Solid Shapes**

- Lesson 6: I can find and describe solid shapes using informal language without naming.
- Lesson 7: I can explain decisions about classification of solid shapes into categories. Name the solid shapes.

- Match (group items that are the same or that have the same given attribute)
- 1 less (example 4. 1 less is 3)
- Sort (group objects according to a particular attribute)

**Module 2 New**

- Above, below, beside, in front of, next to, behind (position words) **Lesson 5**
- Circle **Lesson 4**
- Cone (solid shape) **Lesson 7**
- Cube (solid shape) **Lesson 7**
- Cylinder (solid shape) **Lesson 7**
- Face (flat side of a solid) **Lesson 7**
- Flat (two-dimensional shape) **Lesson 1**
- Hexagon (flat figure enclosed by 6 straight sides) **Lesson 4**
- Rectangle (Flat figure enclosed by 4 straight sides) **Lesson 3**
- Solid (three-dimensional shape) **Lesson 6**
- Sphere (solid shape)

- Lesson 8: I can describe and communicate positions of all solid shapes using the words above, below, beside, in front of, next to, and behind.

### Topic C- Standards K.MD.3 K.G.3 K.G.4 K.G.1 K.G.2

#### Two-Dimensional and Three-Dimensional Shapes

- Lesson 9: I can identify and sort shapes as two-dimensional or three dimensional, and recognize two-dimensional and three dimensional shapes in different orientations and sizes.
- Lesson 10: Culminating task—collaborative groups create displays of different flat shapes with exam

### Module 3-Topic A- Standards: K.MD.1 K.MD.2

#### A Comparison of Length and Height

- Lesson 1: I can compare lengths using taller than and shorter than with aligned and non-aligned endpoints.
- Lesson 2: I can compare length measurements with string.
- Lesson 3: I can make a series of longer than and shorter than comparisons.

### Topic B- Standards: K.MD.1 K.MD.2 K.CC.4c K.CC.5 K.CC.6

#### Comparison of Length and Height of Linking Cube Sticks Within 10

- Lesson 4: I can compare the length of linking cube sticks to a 5-stick.
- Lesson 5: I can determine which linking cube stick is longer than or shorter than the other.
- Lesson 6: I can compare the length of linking cube sticks to various objects.
- Lesson 7: I can compare objects using the same as.

### Topic C- Standards: K.MD.1 K.MD.2

#### Comparison of Weight

- Lesson 8: I can compare using heavier than and lighter than with classroom objects.
- Lesson 9: I can compare objects using heavier than, lighter than, and the same as with balance scales.
- Lesson 10: I can compare the weight of an object to a set of unit weights on a balance scale.
- Lesson 11: I can observe conservation of weight on the balance scale.
- Lesson 12: I can compare the weight of an object with sets of different objects on a balance scale.

### Lesson 7

- Square (flat figure enclosed by 4 straight, equal sides)

### Lesson 3

- Triangle (flat figure enclosed by 3 straight sides) **Lesson 2**

### Module 2 Familiar

- Match (group items that are the same or have the same given attribute)
- Sort

### Module 3 New

- Balance Scale (tool for weight measurement) **lesson 9**
- Capacity (with reference to volume) **lesson 13**
- Compare (specifically using direct comparison) **lesson 1**
- Endpoint (with reference to alignment for direct comparison) **lesson 1**
- Enough/not enough (comparative term) **lesson 17**
- Heavier than/lighter than (weight comparison) **lesson 8**
- Height (vertical distance measurement from bottom to top) **lesson 2**
- Length (distance)

**Topic D- Standards: K.MD.1 K.MD.2**

## Comparison of Volume

- Lesson 13: I can compare volume using more than, less than, and the same as by pouring.
- Lesson 14: I can explore conservation of volume by pouring.
- Lesson 15: I can compare using the same as with units.ples, non-examples, and a corresponding solid shape.

measurement from end to end; in a rectangular shape, length can be used to describe any of the four sides) **lesson 2**

- Longer than/shorter than (length comparison) **lesson 1**
- More than/fewer than (discrete quantity comparison) **lesson 19**
- More than/less than (Volume, area, and number comparisons) **Lesson 21**
- Taller than/shorter than (height comparison) **lesson 1**
- The same as (comparative term) **lesson 7**
- Weight (heaviness measurement) **lesson 8**

**Module 3 Familiar**

- Match (Group items that are the same or that have the same given attribute)
- Numbers 1-10

## Quarter 2 Pacing

Week 1	Essential Standards Addressed	Eureka Module, Topic, Lesson	Spiral	Common
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			Skills	Assessments
Day 1 Oct 17	K.G.A.1, MP7, K.Mod2.AD2	Module 2 Lesson 5 color : black		
Day 2 Oct 18	K.G.A.3, MP7, K.Mod2.AD4	Module 2 Lesson 6 Color: black Number: 10		
Day 3 Oct 19	K.G.A.2, K.G.B.4, MP2, K.Mod2.AD3, K.Mod2.AD5, K.Mod2.AD6	Module 2 Lesson 7 Color: black Number: 10		
Day 4 Oct 20	K.G.B.4, MP7, K.Mod2.AD5, K.Mod2.AD6	Module 2 Lesson 8 Color: black Number:10		
Day 5 Oct 21	K.G.A.3, K.G.B.4, MP1, K.Mod2.AD4, K.Mod2.AD5, K.Mod2.AD6	Module 2 Lesson 9 Color: black Number: 10		
Week 2	Essential Standards Addressed	Eureka Module, Topic, Lesson	Spiral Skills	Common Assessments
Day 1 Oct. 24	K.G.B.4, K.G.B.5, MP7, K.Mod2.AD5, K.Mod2.AD6, K.Mod2.AD7	Module 2 Lesson 10 Color: white Number: 11		
Day 2 Oct. 25	K.G.A.2, K.G.B.5, MP3, K.Mod2.AD3, K.Mod2.AD7  K.G.B.4, K.G.B.5, MP6, K.Mod2.AD5, K.Mod2.AD6, K.Mod2.AD7	Module 2 Lesson 11 and 12 Color: white Number: 11		
Day 3 Oct. 26	K.G.B.4, K.G.B.5, MP5, K.Mod2.AD5, K.Mod2.AD6, K.Mod2.AD8	Module 2 Lesson 13 Color: white Number: 11		

Day 4 Oct. 27	K.G.A.1, K.G.A.2, MP6, K.Mod2.AD2, K.Mod2.AD3	Module 2 Lesson 14 Color: white Number 11		
Day 5 Oct. 28	K.G.B.4, MP1, K.Mod2.AD5, K.Mod2.AD6	Module 2 Lesson 15 Color: white Number: 11		
<b>Week 3</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Oct. 31	MP4	Module 2 Lesson 16 Color: gray Number: 12		
Day 2 Nov 1	K.MD.A.1, K.MD.A.2, MP6, K.Mod3.AD3, K.Mod3.AD4	Module 3 Lesson 1 Color: gray Number: 12		
Day 3 Nov 2	. K.MD.A.1, K.MD.A.2, MP6, K.Mod3.AD3, K.Mod3.AD4	Module 3 Lesson 2 Color: gray Number: 12		
Day 4 Nov 3	K.MD.A.2, MP1, K.Mod3.AD4	Module 3 Lesson 3 Color: gray Number: 12		
Day 5 Nov 4	K.MD.A.2, MP6, K.Mod3.AD4	Module 3 Lesson 4 Color: gray Number 12		
<b>Week 4</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Nov 7	K.MD.A.2, MP4, K.Mod3.AD4	Module 3 Lesson 5 Number 13		
Day 2 Nov 8	K.MD.A.2, MP2, K.Mod3.AD4	Module 3 Lesson 6 Number: 13		

Day 3 Nov 9	K.MD.A.1, K.MD.A.2, MP5, K.Mod3.AD3, K.Mod3.AD5	Module 3 Lesson 7 Number: 13		
Day 4 Nov 10	K.MD.A.2, MP3, K.Mod3.AD5	Module 3 Lesson 8 Number: 13		
Day 5 Nov 11	K.MD.A.2, MP2, K.Mod3.AD5	Module 3 Lesson 9 Number: 13		
<b>Week 5</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Nov 14	K.MD.A.2, MP4, K.Mod3.AD5	Module 3 Lesson 10 Number: 14		
Day 2 Nov. 15	K.MD.A.2, MP8, K.Mod3.AD5	Module 3 Lesson 11 Number: 14		
Day 3 Nov 16	K.CC.C.6, K.MD.A.1, K.MD.A.2, MP6, K.Mod3.AD1, K.Mod3.AD3, K.Mod3.AD4	Module 3 Lesson 12 Number: 14		
Day 4 Nov 17	K.CC.C.6, K.Mod3.AD1	Module 3 Lesson 13 Number: 14		
Day 5 Nov 18	K.CC.C.6, MP5, K.Mod3.AD1	Module 3 Lesson 14 Number: 14		
<b>Week 6</b>	<b>Thanksgiving Break</b>			
<b>Week 7</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Nov. 28	K.MD.B.3, MP3, K.Mod3.AD6	Module 3 Lesson 15 Number: 15		
Day 2 Nov. 29	K.CC.C.6, MP2, K.Mod3.AD1	Module 3 Lesson 16 Number: 15		
Day 3 Nov. 30	K.CC.C.6, MP1, K.Mod3.AD1	Module 3 Lesson 17		

		Number: 15		
Day 4 Dec. 1	K.CC.C.7, MP2, K.Mod3.AD2	Module 3 Lesson 18 Number: 15		
Day 5 Dec. 2	K.CC.C.7, MP6, K.Mod3.AD2	Module 3 Lesson 19 Number: 15		
<b>Week 8</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Dec 5	K.CC.C.7, MP3, K.Mod3.AD2	Module 3 Lesson 20 Number: 16		
Day 2 Dec 6	K.CC.C.6, K.MD.A.1, K.MD.A.2, MP1, K.Mod3.AD1, K.Mod3.AD3, K.Mod3.AD4, K.Mod3.AD5	Module 3 Lesson 21 Number: 16		
Day 3 Dec 7	MP5	Module 3 Lesson 22 Number: 16		
Day 4 Dec 8		Module 3 Testing Number: 16		
Day 5 Dec 9		Module 3 Testing and Review Number: 16		
<b>Week 9</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Dec. 12		Review and Catch up		
Day 2 Dec. 13		Review and Catch up		
Day 3 Dec 14		Review and Catch up		
Day 4 Dec 15		Review and Catch up		
Day 5 Dec 16		Review and Catch up		

Week	Essential Standards Addressed	Eureka Module, Topic, Lesson	Spiral Skills	Common Assessments

**Quarter 3- Big Ideas:**

AR STANDARDS / SKILLS

SUPPLY LIST

**POWER STANDARDS:**

K.MD.1 K.MD.2	K.CC4c K.CC5 K.CC6	K.CC.7	K.OA.1 K.OA.2 K.OA.3 K.OA.4 K.OA.5				
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**Essential Standards Assessed for "Mastery" This Quarter**

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Mathematical Practices:

**MP.2 Reason quantitatively and abstractly.** Students compare quantities by drawing objects in columns and matching the objects one to one to see that one

column has more than another and draw the conclusion that 6 is more than 4 because 2 objects do not have a match.

**MP.3 Construct viable arguments and critique the reasoning of others.** Students describe measurable attributes of a single object and reason about how to compare its length, weight, and volume to that of another object.

**MP.5 Use appropriate tools strategically.** During the culminating task and End-of-Module Assessment, students might choose to use a scale to compare weight, linking cube sticks to compare length and rice and cups to compare volume.

**MP.6 Attend to precision.** Students attend to precision by aligning endpoints when comparing lengths. They are also precise when weighing an object with cubes (or units) on a balance scale. Adding 1 more makes the cubes too heavy when the goal is to see how many cubes have the same weight as the object.

**MP.7 Look for and make use of structure.** Students use structure to see that the amount of rice in 1 container is equal to the amount in 4 smaller containers. The smaller unit is a structure, as is the larger unit.

### 2018-2019 Assessment Calendar

EUREKA MODULES OF INSTRUCTION: MODULE 3 Lesson 16-32 MODULE 4 Lessons 1-24

### COMMON ASSESSMENTS FOR QUARTER 3: Module 3 End of Module Assessment (February 4-6)

3rd Quarter: STANDARDS and Student “I Can” Statements

Vocabulary

Module 3-Topic E- Standards: K.CC.6

Module 3 New

### Are There Enough?

- Lesson 16: I can make informal comparison of area.
- Lesson 17: I can compare to find if there are enough.
- Lesson 18: I can compare using more than and the same as.
- Lesson 19: I can compare using fewer than and the same as.

### Topic F- Standards: K.CC.6 K.CC.7 K.CC.4c K.MD.2

#### Comparison of Sets Within 10

- Lesson 20: I can relate more and less to length.
- Lesson 21: I can compare sets informally using more, less, and fewer.
- Lesson 22: I can identify and create a set that has the same number of objects.
- Lesson 23: I can reason to identify and make a set that has 1 more.
- Lesson 24: I can reason to identify and make a set that has 1 less.

### Topic G- Standards: K.CC.6 K.CC.7 K.CC.4c

#### Comparison of Numerals

- Lesson 25: I can match and count to compare a number of objects. State which quantity is more.
- Lesson 26: I can match and count to compare two sets of objects. State which quantity is less.
- Lesson 27: I can strategize to compare two sets.
- Lesson 28: I can visualize quantities to compare two numerals.

### Topic H- Standards: K.MD.1 K.MD.2 K.CC.6 K.CC.7

#### Clarification of Measurable Attributes

- Lesson 29: I can observe cups of colored water of equal volume poured into a variety of container shapes.
- Lesson 30: I can use balls of clay of equal weights to make sculptures.
- Lesson 31: I can use benchmarks to create and compare rectangles of different lengths to make a city.
- Lesson 32: Culminating task—describe measurable attributes of single objects.

### Module 4-Topic A- Standards: K.OA.1 K.OA.3 K.OA.5

#### Compositions and Decompositions of 2, 3, 4, and 5

- Lesson 1: I can model composition and decomposition of numbers to 5 using actions, objects, and drawings.
- Lesson 2: I can model composition and decomposition of numbers to 5 using fingers and linking cube sticks.
- Lesson 3: I can represent composition story situations with drawings using numeric number bonds.
- Lesson 4: I can represent decomposition story situations with drawings using numeric number bonds.

- Balance Scale (tool for weight measurement) **Lesson 9**
- Capacity (with reference to volume) **Lesson 13**
- Compare (specifically using direct comparison) **lesson 1**
- Endpoint (with reference to alignment for direct comparison) **lesson 1**
- Enough/not enough (comparative term) **Lesson 17**
- Heavier than/lighter than (weight comparison) **Lesson 8**
- Height (vertical distance measurement from bottom to top) **Lesson 2**
- Length (distance measurement from end to end; in a rectangular shape, length can be used to describe any of the four sides) **Lesson 2**
- Longer than/shorter than (length comparison) **Lesson 1**
- More than/fewer than (discrete quantity comparison) **Lesson 19**
- More than/less than (Volume, area, and number comparisons) **Lesson 21**
- Taller than/shorter than (height comparison) **Lesson 1**
- The same as (comparative term) **Lesson 7**
- Weight (heaviness measurement) **Lesson 8**

- Lesson 5: I can represent composition and decomposition of numbers to 5 using pictorial and numeric number bonds
- Lesson 6: I can represent number bonds with composition and decomposition story situations.

**Topic B- Standards: K.OA.3 K.OA.1 K.OA.4**

Decompositions of 6, 7, and 8 into Number Pairs

- Lesson 7: I can model decompositions of 6 using a story situation, objects, and number bonds.
- Lesson 8: I can model decompositions of 7 using a story situation, sets, and number bonds.
- Lesson 9: I can model decompositions of 8 using a story situation, arrays, and number bonds.
- Lesson 10: I can model decompositions of 6–8 using linking cube sticks to see patterns.
- Lesson 11: I can represent decompositions for 6–8 using horizontal and vertical number bonds.
- Lesson 12: I can use 5-groups to represent the  $5 + n$  pattern to 8.

**Topic C- Standards: K.OA.1 K.OA.2 K.OA.3 K.OA.4**

Addition with Totals of 6, 7, and 8

- Lesson 13: I can represent decomposition and composition addition stories to 6 with drawings and equations with no unknown.
- Lesson 14: I can represent decomposition and composition addition stories to 7 with drawings and equations with no unknown
- Lesson 15: I can represent decomposition and composition addition stories to 8 with drawings and equations with no unknown.
- Lesson 16: I can solve add to with result unknown word problems to 8 with equations. Box the unknown.
- Lesson 17: I can solve put together with total unknown word problems to 8 using objects and drawings.
- Lesson 18: I can solve both addends unknown word problems to 8 to find addition patterns in number pairs.

**Topic D- Standards: K.OA.1 K.OA.2 K.OA.3**

Subtraction from Numbers to 8

- Lesson 19: I can use objects and drawings to find how many are left.
- Lesson 20: I can solve take from with result unknown expressions and equations using the minus sign with no unknown.
- Lesson 21: I can represent subtraction story problems using objects, drawings, expressions, and equations.
- Lesson 22: I can decompose the number 6 using 5-group drawings by breaking off or removing a part, and record each decomposition with a drawing and subtraction equation.
- Lesson 23: I can decompose the number 7 using 5-group drawings by hiding a part, and record each decomposition with a drawing and subtraction equation.
- Lesson 24: I can decompose the number 8 using 5-group drawings and crossing off a part, and record each decomposition with a drawing and subtraction equation.

**Module 3 Familiar**

- Match (Group items that are the same or that have the same given attribute)
- Numbers 1-10

**Module 4 New**

- Addition (specifically using add with result unknown, put together with total unknown, put together with both addends unknown) **Lesson 25 Module 1**
- Addition and subtraction sentences (equations) **Lesson 26**
- Make ten (combine 2 numbers from 1-9 that add up to 10.) **Lesson 28**
- Minus (-) **Lesson 20**
- Number bond (mathematical model) **Lesson 1**
- Number pairs or partners (embedded numbers) **Lesson 7**
- Part (addend or embedded number) **Lesson 3**
- Put together (add) **Lesson 1**
- Subtraction (specifically using take from with result unknown) **Lesson 21 Module 4**
- Take apart (decompose) **Lesson 1**
- Take away (subtract) **Lesson 19**
- Whole (total) **Lesson 3 & 14**



**Module 4 Familiar**

- 5-Group
- Equals (=)
- Hidden partners (embedded numbers)
- Number Sentence ( $3=2+1$ )
- Number Story (Stories with add to and take from situations)
- Numbers 0-10
- Plus (+)

## Quarter 3 Pacing

<b>Week 1</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Jan 2		No School		
Day 2 Jan. 3	K.G.B.6, MP3, K.Mod4.AD5	Module 4 Lesson 1 Number: 17		
Day 3 Jan. 4	K.G.B.6, MP6, K.Mod4.AD5	Module 4 Lesson 2 Number: 17		
Day 4 Jan. 5	K.OA.A.1, MP4, K.Mod4.AD1	Module 4 Lesson 3 Number: 17		
Day 5 Jan. 6	K.OA.A.1, MP5, K.Mod4.AD1	Module 4 Lesson 4 Number: 17		
<b>Week 2</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Jan. 9	K.OA.A.3, MP4, K.Mod4.AD4	Module 4 Lesson 5 Number: 18		

Day 2 Jan. 10	K.OA.A.1, K.OA.A.3, MP8, K.Mod4.AD1, K.Mod4.AD4	Module 4 Lesson 6 Number: 18		
Day 3 Jan. 11	K.OA.A.1, K.OA.A.3, MP6, K.Mod4.AD1, K.Mod4.AD4	Module 4 Lesson 7 Number: 18		
Day 4 Jan. 12	K.OA.A.3, MP4, K.Mod4.AD4	Module 4 Lesson 8 Number: 18		
Day 5 Jan. 13	K.G.B.6, MP6, MP7, K.Mod4.AD5	Module 4 Lesson 9 Number: 18		
<b>Week 3</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Jan 16		No school		
Day 2 Jan 17	K.OA.A.1, MP4, K.Mod4.AD1	Module 4 Lesson 10 Number: 19		
Day 3 Jan 18	K.OA.A.1, K.OA.A.2, MP5, K.Mod4.AD1, K.Mod4.AD2	Module 4 Lesson 11 Number: 19		
Day 4 Jan 19	K.OA.A.2, MP4, K.Mod4.AD2	Module 4 Lesson 12 Number: 19		
Day 5 Jan 20	K.OA.A.2, MP4, MP5, K.Mod4.AD2	Module 4 Lesson 13 Number: 19		
<b>Week 4</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Jan 23	K.OA.A.2, MP1, K.Mod4.AD3	Module 4 Lesson 14 Number: 20		

Day 2 Jan 24	K.OA.A.1, K.OA.A.2, MP2, K.Mod4.AD1, K.Mod4.AD3	Module 4 Lesson 15 Number: 20		
Day 3 Jan 25	K.OA.A.2, MP7, K.Mod4.AD2, K.Mod4.AD3	Module 4 Lesson 16 Number: 20		
Day 4 Jan 26	MP7	Module 4 Lesson 17 Number: 20		
Day 5 Jan 27	K.OA.A.3, MP5, MP7, K.Mod4.AD4	Module 4 Lesson 18 Number: 20		
<b>Week 5</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Jan 30	K.OA.A.1, MP2, K.Mod5.AD2	Module 5 Lesson 1		
Day 2 Jan. 31	K.OA.A.1, MP7, K.Mod5.AD2	Module 5 Lesson 2		
Day 3 Feb. 1	K.OA.A.1, K.OA.A.2, MP5, K.Mod5.AD2, K.Mod5.AD4, K.Mod5.AD6	Module 5 Lesson 3		
Day 4 Feb. 2	K.OA.A.1, K.OA.A.3, MP6, K.Mod5.AD2, K.Mod5.AD7	Module 5 Lesson 4		
Day 5 Feb. 3	K.OA.A.1, MP2, K.Mod5.AD2	Module 5 Lesson 5		
<b>Week 6</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Feb. 6	K.OA.A.1, MP3, K.Mod5.AD2	Module 5 Lesson 6		

Day 2 Feb. 7	K.OA.A.1, K.OA.A.5, MP5, K.Mod5.AD2, K.Mod5.AD9	Module 5 Lesson 7		
Day 3 Feb. 8	K.OA.A.1, MP8, K.Mod5.AD3	Module 5 Lesson 8		
Day 4 Feb. 9	K.OA.A.1, MP2, K.Mod5.AD3	Module 5 Lesson 9		
Day 5 Feb. 10	K.OA.A.1, K.OA.A.2, MP5, K.Mod5.AD3, K.Mod5.AD4, K.Mod5.AD6	Module 5 Lesson 10		
<b>Week 7</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Feb 13	K.OA.A.1, MP7, K.Mod5.AD3	Module 5 Lesson 11		
Day 2 Feb 14	K.OA.A.1, K.OA.A.2, MP4, K.Mod5.AD3, K.Mod5.AD4, K.Mod5.AD6	Module 5 Lesson 12		
Day 3 Feb 15	K.OA.A.1, MP3, K.Mod5.AD3	Module 5 Lesson 13		
Day 4 Feb 16	K.OA.A.1, K.OA.A.5, MP5, K.Mod5.AD3, K.Mod5.AD10	Module 5 Lesson 14		
Day 5 Feb 17		No School		
<b>Week 8</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Feb 20	K.OA.A.1, K.OA.A.2, MP1, K.Mod5.AD2,	Module 5 Lesson 15		

	K.Mod5.AD3, K.Mod5.AD4, K.Mod5.AD6			
Day 2 Feb 21	K.OA.A.1, K.OA.A.2, MP7, K.Mod5.AD2, K.Mod5.AD3, K.Mod5.AD4, K.Mod5.AD6	Module 5 Lesson 16		
Day 3 Feb 22	K.OA.A.2, MP1, K.Mod5.AD4, K.Mod5.AD6	Module 5 Lesson 17		
Day 4 Feb 23	K.CC.A.2, MP8, K.Mod5.AD1	Module 5 Lesson 18		
Day 5 Feb 24	K.OA.A.1, MP4, K.Mod5.AD2, K.Mod5.AD3	Module 5 Lesson 19		
<b>Week 9</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Feb 27	K.OA.A.4, MP3, K.Mod5.AD8	Module 5 Lesson 20		
Day 2 Feb 28	K.OA.A.1, MP2, MP4, K.Mod5.AD2, K.Mod5.AD3	Module 5 Lesson 21		
Day 3 Mar 1	K.CC.A.2, MP7, K.Mod5.AD1	Module 5 Lesson 22		
Day 4 Mar 2	K.CC.A.2, MP2, MP7, MP8, K.Mod5.AD1	Module 5 Lesson 23		
Day 5 Mar 3	K.OA.A.1, MP7, MP8, K.Mod5.AD2	Module 5 Lesson 24		

Week 10	Essential Standards Addressed	Eureka Module, Topic, Lesson	Spiral Skills	Common Assessments
Day 1 Mar 6	K.G.B.6, MP7, K.Mod5.AD5	Module 5 Lesson 25		
Day 2 Mar 7	K.OA.A.1, K.OA.A.4, MP8, K.Mod5.AD2, K.Mod5.AD3, K.Mod5.AD8	Module 5 Lesson 26		
Day 3 Mar 8	MP7	Module 5 Lesson 27		
Day 4 Mar 9		Module 5 Review and Test		
Day 5 Mar 10		Module 5 Review and Test		

**Quarter 4- Big Ideas:**  
**AR STANDARDS / SKILLS**

**SUPPLY LIST**

**POWER STANDARDS:**

K.OA.3	K.CC.1	K.CC.4b					
K.OA.1	K.NBT.1	K.CC.4c					
K.OA.2	K.CC.3	K.CC.5					
<b>Essential Standards Assessed for "Mastery" This Quarter</b> ----->							

Mathematical Practices:

**MP.1 Make sense of problems and persevere in solving them.** Students identify story problems as addition or subtraction situations and find the unknown. Students demonstrate with drawings and verbal explanations the referent of each number in a given problem type.

**MP.2 Reason abstractly and quantitatively.** Students reason about the relationships between numbers in composition and decomposition situations. For example, they can use the number bond mat to show and explain that 6 and 4 make 10 and that 10 can be broken into 6 and 4. **MP.2 Reason abstractly and quantitatively.** Students represent teen numerals with concrete objects separated as 10 ones and some ones.

**MP.3 Construct viable arguments and critique the reasoning of others.** Students explain their thinking about teen numbers as 10 ones and some ones and how to represent those numbers as addition sentences.

**MP.4 Model with mathematics.** Students use number bonds and addition and subtraction equations to model composition and decomposition. Students tell story problems using drawings, numbers, and symbols.

**MP.5 Use appropriate tools strategically.** Students select and use tools such as drawings, number bonds, and the number path to solve problems.

**MP.7 Look for and make use of structure.** Students draw the  $5 + n$  pattern to reason about numbers within 10.

**MP.8 Look for and express regularity in repeated reasoning.** Students add and subtract 0 to get the same number. They also use linking cubes to add and subtract 1 to reason about 1 more and 1 less than with numbers to 10.

EUREKA MODULES OF INSTRUCTION: [MODULE 4](#) Lesson 25-41 [MODULE 5](#) Lessons 1-13

**COMMON ASSESSMENTS FOR QUARTER 4: Module 4 Mid Module Assessment (March 16-18)  
Module 4 End of Module Assessment (April 22-24)**

**Module 4****Topic E- Standards K.OA.3 I can decompose number 9 and 10 into Number Pairs**

- Lesson 25: I Can model decompositions of 9 using a story situation, objects, and number bonds.
- Lesson 26: I can model decompositions of 9 using fingers, linking cubes, and number bonds.
- Lesson 27: I can model decompositions of 10 using a story situation, objects, and number bonds.
- Lesson 28: I can model decompositions of 10 using fingers, sets, linking cubes, and number bonds.

**Topic F- Standards K.OA.2 Addition with Totals of 9 and 10**

- Lesson 29: I can represent pictorial decomposition and composition addition stories to 9 with 5-group drawings and equations with no Unknown.
- Lesson 30: I can represent pictorial decomposition and composition addition stories to 10 with 5-group drawings and equations with no unknown.
- Lesson 31: I can solve add to with total unknown and put together with total unknown problems with totals of 9 and 10.
- Lesson 32: I can solve both addends unknown word problems with totals of 9 and 10 using 5-group drawings.

**Topic G-Standards: K.OA.1    K.OA.2    K.OA.3****Subtraction from 9 and 10**

- Lesson 33: I can solve take from equations with no unknown using numbers to 10.
- Lesson 34: I can represent subtraction story problems by breaking off, crossing out, and hiding a part.
- Lesson 35: I can decompose the number 9 using 5-group drawings, and record each decomposition with a subtraction equation.
- Lesson 36: I can decompose the number 10 using 5-group drawings, and record each decomposition with a subtraction equation.

**Topic H-Standards: K.OA.1    K.OA.2    K.OA.4****Patterns with Adding 0 and 1 and Making 10**

- Lesson 37: I can add or subtract 0 to get the same number and relate to word problems wherein the same quantity that joins a set, separates.
- Lesson 38: I can add 1 to numbers 1–9 to see the pattern of the next number using 5-group drawings and equations.
- Lesson 39: I can find the number that makes 10 for numbers 1–9, and record each with a 5-group drawing.
- Lesson 40: I can find the number that makes 10 for numbers 1–9, and record each with an addition

**Module 4 New**

- Addition (specifically using add with result unknown, put together with total unknown, put together with both addends unknown)
- Addition and subtraction sentences (equations)
- Make ten (combine 2 numbers from 1-9 that add up to 10.)
- Minus (-)
- Number bond (mathematical model)
- Number pairs or partners (embedded numbers)
- Part (addend or embedded number)
- Put together (add)
- Subtraction (specifically using take from with result unknown)
- Take apart (decompose)
- Take away (subtract)
- Whole (total)

**Module 4 Familiar**

- 5-Group
- Equals (=)
- Hidden partners (embedded numbers)
- Number Sentence ( $3=2+1$ )
- Number Story (Stories with add to and take from situations)
- Numbers 0-10
- Plus (+)

**New Module 5**



equation.

- Lesson 41: Culminating task—choose tools strategically to model and represent a stick of 10 cubes broken into two parts.

**Module 5 Topic A-Standards: K.CC.1 K.NBT.1 K.CC.2 K.CC.4a K.CC.4b K.CC.4c K.CC.5**

**Count 10 Ones and Some Ones**

- Lesson 1: I can count straws into piles of ten; count the piles as 10 ones.
- Lesson 2: I can count 10 objects within counts of 10 to 20 objects, and describe as 10 ones and \_\_\_ ones.
- Lesson 3: I can count and circle 10 objects within images of 10 to 20 objects, and describe as 10 ones and \_\_\_ ones.
- Lesson 4: I can count straws the Say Ten way to 19; make a pile for each ten.
- Lesson 5: I can count straws the Say Ten way to 20; make a pile for each ten.

**Topic B- Standards: K.CC.1 K.CC.2 K.CC.4a K.CC.4b K.CC.4c K.CC.5**

**Compose Numbers 11–20 from 10 Ones and Some Ones; Represent and Write Teen Numbers**

- Lesson 6: I can model with objects and represent numbers 10 to 20 with place value or Hide Zero cards.
- Lesson 7: I can model and write numbers 10 to 20 as number bonds.
- Lesson 8: I can model teen numbers with materials from abstract to concrete.
- Lesson 9: I can draw teen numbers from abstract to pictorial.

**Topic C- Standards: K.CC.4b K.CC.4c K.CC.5 K.NBT.1 K.CC.3 K.CC.4a**

**Decompose Numbers 11–20, and Count to Answer “How Many?” Questions in Varied Configurations**

- Lesson 10: I can build a Rekenrek to 20.
- Lesson 11: I can show, count, and write numbers 11 to 20 in tower configurations increasing by 1—a pattern of 1 larger.
- Lesson 12: I can represent numbers 20 to 11 in tower configurations decreasing by 1— a pattern of 1 smaller.
- Lesson 13: I can show, count, and write to answer how many questions in linear and array configurations.

- 10 and \_ **Module 4 lesson 2**
- 10 ones and some ones **lesson 1**
- 10 plus **lesson 21**
- Hide zero cards (called place value cards in later grades) **lesson 6**
- Regular counting by ones from 11 to 20 **lesson 21**
- Regular counting by tens to 100 **lesson 15**
- Say ten counting by tens (one ten, two tens) **lesson 4**
- Teen numbers **lesson 2**

**Familiar Terms Module 5**

- 10 Frame
- 5 Group
- Circle 10 ones
- Circular count
- Count 10 ones
- Dot path, empty path, number path
- Linear count
- Number bond
- Number tower
- Part, whole, total
- Say ten counting (ten one, ten two, etc)

<b>Week 1</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Mar 13	K.CC.B.5, K.NBT.A.1, MP5, K.Mod6.AD5, K.Mod6.AD8	Module 6 Lesson 1		
Day 2 Mar 14	K.CC.A.1, K.NBT.A.1, MP7, K.Mod6.AD1, K.Mod6.AD8	Module 6 Lesson 2		
Day 3 Mar 15	K.CC.A.3, K.NBT.A.1, MP8, K.Mod6.AD2, K.Mod6.AD3, K.Mod6.AD8	Module 6 Lesson 3		
Day 4 Mar 16	K.CC.B.4.c, K.NBT.A.1, MP7, K.Mod6.AD4, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 4		
Day 5 Mar 17	K.CC.A.1, K.CC.A.2, MP3, K.Mod5.AD1, K.Mod6.AD1	Module 6 Lesson 5		
<b>Week 2</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Mar 20		No School Spring Break		
Day 2 Mar 21				
Day 3 Mar 22				
Day 4 Mar 23				
Day 5 Mar 24				
<b>Week 3</b>	<b>Essential Standards</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral</b>	<b>Common</b>

	Addressed		Skills	Assessments
Day 1 Mar 27	K.NBT.A.1, MP5, MP7, K.Mod6.AD6, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 6		
Day 2 Mar 28	K.CC.B.5, K.NBT.A.1, MP8, K.Mod6.AD5, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 7		
Day 3 Mar 29	K.OA.A.2, K.NBT.A.1, MP2, K.Mod6.AD7, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 8		
Day 4 Mar 30	K.OA.A.2, K.NBT.A.1, MP4, K.Mod6.AD7, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 9		
Day 5 Mar 31	K.OA.A.2, K.NBT.A.1, MP1, K.Mod6.AD7, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 10		
Week 4	Essential Standards Addressed	Eureka Module, Topic, Lesson	Spiral Skills	Common Assessments
Day 1 Apr 3	K.OA.A.2, K.NBT.A.1, MP4, MP5, K.Mod6.AD7, K.Mod6.AD8, K.Mod6.AD9	Module 6 Lesson 11		
Day 2 Apr 4	K.CC.B.5, MP7, K.Mod6.AD5	Module 6 Lesson 12		
Day 3 Apr 5	MP7	Module 6 Lesson 13		

Day 4 Apr 6	K.CC.A.1, MP6, K.Mod6.AD1	Module 6 Lesson 14		
Day 5 Apr 7	K.CC.A.1, MP5, K.Mod6.AD1	Module 6 Lesson 15		
<b>Week 5</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Apr 10	K.CC.A.1, K.CC.A.2, MP7, K.Mod5.AD1, K.Mod6.AD1	Module 6 Lesson 16		
Day 2 Apr 11	K.CC.A.1, K.CC.A.2, K.CC.A.3, MP7, K.Mod5.AD1, K.Mod6.AD1, K.Mod6.AD3	Module 6 Lesson 17		
Day 3 Apr 12	K.CC.A.1, K.CC.A.2, MP3, K.Mod5.AD1, K.Mod6.AD1	Module 6 Lesson 18		
Day 4 Apr 13	K.CC.A.1, K.CC.A.2, MP5, K.Mod5.AD1, K.Mod6.AD1	Module 6 Lesson 19		
Day 5 Apr 14		No School		
<b>Week 6</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Apr 17	K.CC.C.6, MP3, K.Mod3.AD1	Module 6 Lesson 20		
Day 2 Apr 18	K.CC.C.6, MP5, K.Mod3.AD1	Module 6 Lesson 21		
Day 3 Apr 19	K.CC.C.6, MP6,	Module 6 Lesson 22		

	K.Mod3.AD1			
Day 4 Apr 20	K.CC.C.6, MP7, K.Mod3.AD1	Module 6 Lesson 23		
Day 5 Apr 21	MP7	Module 6 Lesson 24		
<b>Week 7</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 Apr 24		Review		
Day 2 Apr 25		Review		
Day 3 Apr 26		Review		
Day 4 Apr 27		Review		
Day 5 Apr 28		Review		
<b>Week 8</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 May 1		Review		
Day 2 May 2		Review		
Day 3 May 3		Review		
Day 4 May 4		Review		
Day 5 May 5		Review		
<b>Week 9</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 May 8		Review		
Day 2 May 9		Review		
Day 3 May 10		Review		

Day 4 May 11		Review		
Day 5 May 12		Review		

<b>Week 10</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 May 15		Review		
Day 2 May 16		Review		
Day 3 May 17		Review		
Day 4 May 18		Review		
Day 5 May 19		Review		

<b>Week 11</b>	<b>Essential Standards Addressed</b>	<b>Eureka Module, Topic, Lesson</b>	<b>Spiral Skills</b>	<b>Common Assessments</b>
Day 1 May 22		Review		
Day 2 May 23		Review		
Day 3 May 24		Review		
Day 4 May 25		Review		
Day 5 May 26		Last Day of School!!!!!!!!!!!!		