

Eureka Math

2nd Grade Module 7 Lesson 16

At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

Directions for customizing presentations are available on the next slide.



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Customize this Slideshow

Reflecting your Teaching Style and Learning Needs of Your Students

- When the Google Slides presentation is opened, it will look like Screen A.
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- The view now looks like Screen B.
- Within Google Slides (not Chrome), choose FILE.
- Choose MAKE A COPY and rename your presentation.
- Google Slides will open your renamed presentation.
- It is now editable & housed in MY DRIVE.



Icons



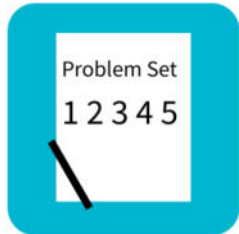
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



Small Group Time



Materials Needed:

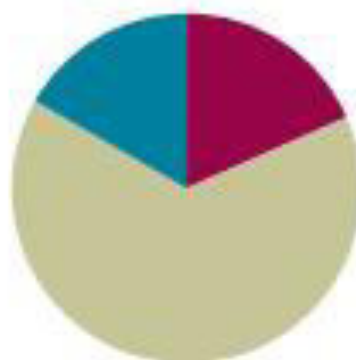
- Adding and subtracting by 3 sprint
- Subtraction fact flash cards set 2 (lesson 14 fluency template)
- 12 inch ruler
- Yardstick
- Recording sheets
- Book
- Pencil
- Eraser

Lesson 16

Objective: Measure various objects using inch rulers and yardsticks.

Suggested Lesson Structure

■ Fluency Practice	(11 minutes)
■ Concept Development	(39 minutes)
■ Student Debrief	(10 minutes)
Total Time	(60 minutes)



Fluency Practice (11 minutes)

- Sprint: Adding and Subtracting by 3 **2.OA.2** (9 minutes)
- Subtraction Fact Flash Cards **2.OA.2** (2 minutes)

Sprint: Adding and Subtracting by 3 (9 minutes)

Materials: (S) Adding and Subtracting by 3 Sprint

Note: Students practice adding and subtracting by 3 to gain mastery of the sums and differences within 20.

Subtraction Fact Flash Cards (2 minutes)

Materials: (T) Subtraction fact flash cards set 2 (Lesson 14 Fluency Template)

Note: This is a teacher-directed, whole-class activity. By practicing subtraction facts, students gain mastery of differences within 20.



- I can measure various objects using inch rulers and yardsticks.



Sprint

A STORY OF UNITS

Lesson 16 Sprint

2•7

A

Number Correct: _____

Adding and Subtracting by 3

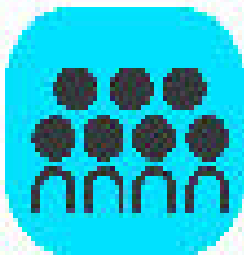
1.	$0 + 3 =$	
2.	$3 + 3 =$	
3.	$6 + 3 =$	
4.	$9 + 3 =$	
5.	$12 + 3 =$	
6.	$15 + 3 =$	
7.	$18 + 3 =$	
8.	$21 + 3 =$	
9.	$24 + 3 =$	
10.	$27 + 3 =$	

23.	$6 + 3 =$	
24.	$9 + 3 =$	
25.	$12 + 3 =$	
26.	$15 + 3 =$	
27.	$18 + 3 =$	
28.	$21 + 3 =$	
29.	$24 + 3 =$	
30.	$27 + 3 =$	
31.	$0 + 33 =$	
32.	$33 + 33 =$	



Subtraction Fact Flash Cards

Concept Development



Center 1: Measure and Compare Shin Lengths

-12 inch rulers, yardsticks, center 1 sheet

Center 2: Compare Lengths to a Yardstick

-book, yardstick, center 2 sheet

Center 3: Choose the Units of Measure Objects

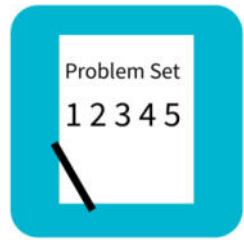
-12 inch ruler, yardstick, center 3 sheet

Center 4: Find Benchmarks

-12 inch ruler, yardstick, center 4 sheer

Center 5: Choose a Tool to Measure

-12 inch ruler, yardstick, center 5 sheet, textbook, pencil, pink eraser



Problem Set

The Recording Sheets serve as the problem set. Student will need to refer to these recording sheets in lesson 17.

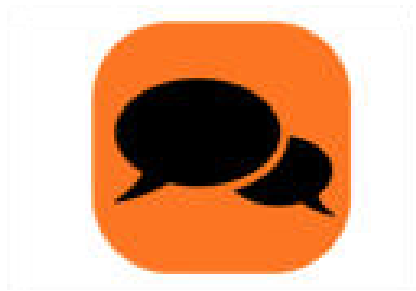


Debrief

When you used the 12-inch ruler, how did you label your measurement? (1 foot 3 inches.) When you used the yardstick, did you have to use two unit labels? Explain why or why not.

Choose one of the word problems you completed during the centers. Explain your solution path to your partner.

At Center 4, were the objects you chose close to the benchmark lengths? Were the things you chose for a foot 12 inches long? For the yard, 3 feet long?



Debrief

If you didn't have a 12-inch ruler or a yardstick, could you think of a way to measure an object? Would you know about how many inches or feet that object was? Talk to your partner.

How do you decide which unit to use when measuring?



Exit Ticket

Name _____

Date _____

Circle the unit that would best measure each object.

Marker	inch / foot / yard
Height of a car	inch / foot / yard
Birthday card	inch / foot / yard
Soccer field	inch / foot / yard
Length of a computer screen	inch / foot / yard
Height of a bunk bed	inch / foot / yard