Eureka Math

2nd Grade
Module 2
Lesson 6

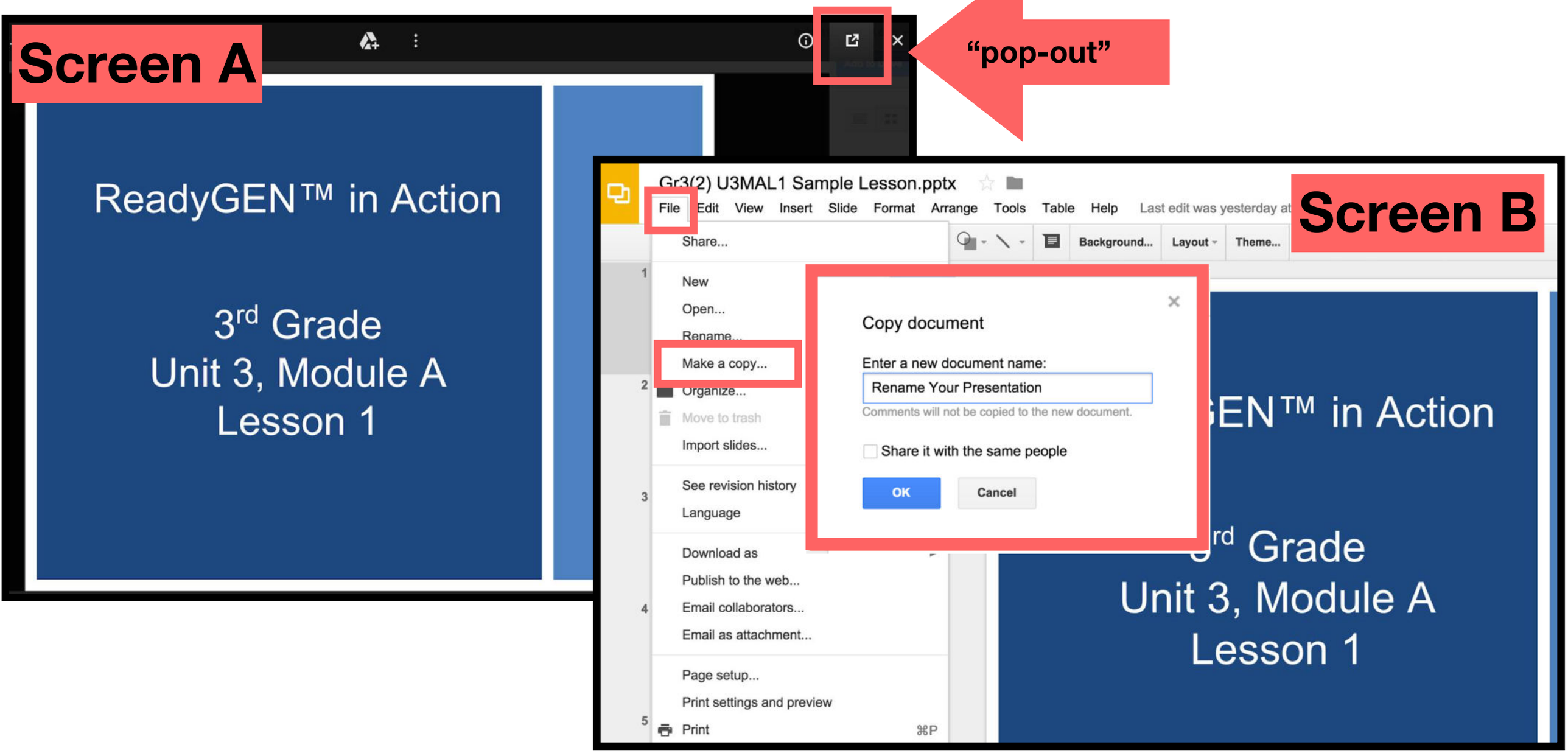
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

Directions for customizing presentations are available on the next slide.

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.
- ➢ Click on the “pop-out” button in the upper right hand corner to change the view.
- ➢ 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

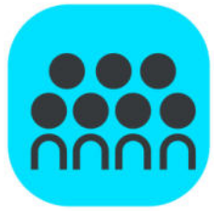
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

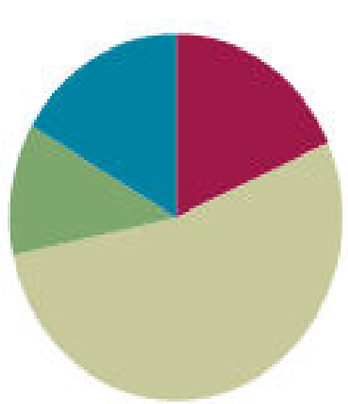
Small Group Time

Lesson 6

Objective: Measure and compare lengths using centimeters and meters.

Suggested Lesson Structure

Fluency Practice	(11 minutes)
Application Problem	(7 minutes)
Concept Development	(32 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



Materials Needed:

Fluency:

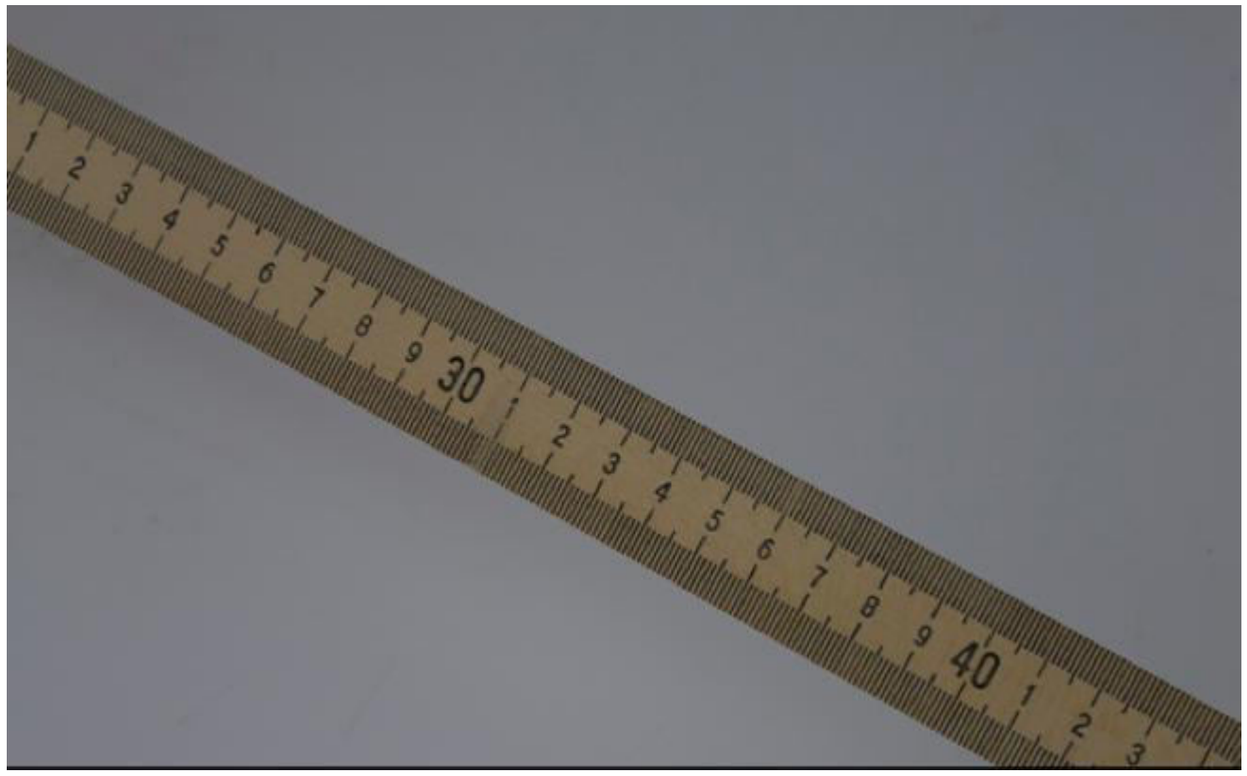
- (T) Meter stick

Concept Development:

- (S) Whiteboard
- (S) centimeter rulers
- (S) meter strip template
- (S) 2 sheets of paper per pair

I can measure and compare lengths using centimeters and meters.

Happy Counting



Eyes on the me and get ready to count with me on the meter stick.

Sprint

A

Number Correct: _____

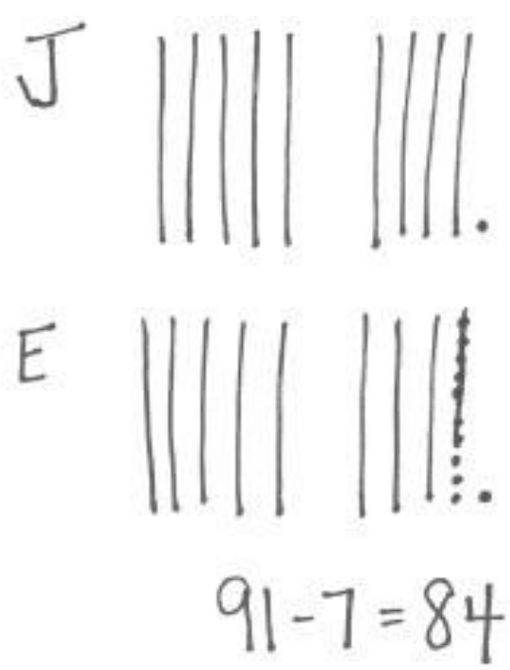
Circle the longer length.

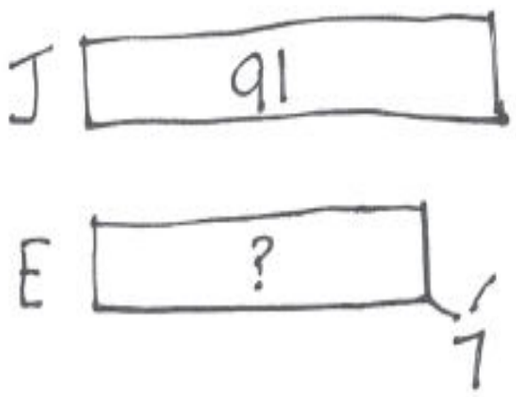
1.	1 cm	0 cm
2.	11 cm	10 cm
3.	11 cm	12 cm
4.	22 cm	12 cm
5.	29 cm	30 cm
6.	31 cm	13 cm
7.	43 cm	33 cm

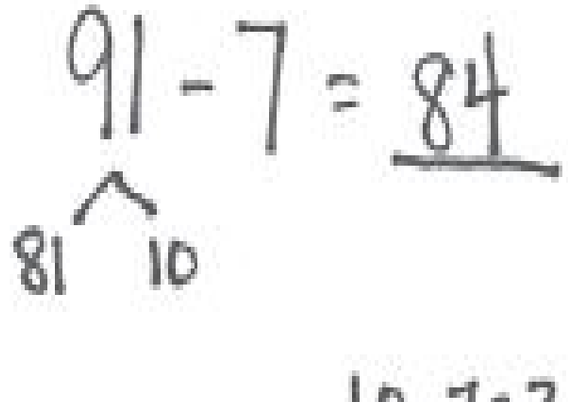
23.	110 cm	101 cm
24.	110 cm	1 m
25.	1 m	111 cm
26.	101 cm	1 m
27.	111 cm	101 cm
28.	112 cm	102 cm
29.	110 cm	115 cm

Application Problem

Eve is 7 centimeters shorter than Joey. Joey is 91 centimeters tall. How tall is Eve?







Eve is 84 centimeters tall.

Concept Development

I want to find out how long the paper is.

Use your meter strip to measure Side A, then and then write the measurement.

Let’s find out how wide the paper is. Label the other side B and record the measurement.

Which side is longer? Side A or Side B?

Concept Development

Who would like to share the strategy they used?

What strategy would you use if you only had one piece of paper?

Watch me!

Now, let’s measure more items around the classroom!

Problem Set

Name _____ Date _____

Measure each set of lines in centimeters, and write the length on the line. Complete the comparison sentences.

1. Line *A* _____

   Line B _____

   a. Line *A* Line B

   _____ cm _____ cm

   b. Line *A* is about _____ cm longer than Line B.

2. Line *C* _____

Debrief

- For Problems 1–3, discuss with your partner how you determined the difference in length of the lines you measured. What is interesting about Line F in Problem 3?

- How did finding the missing addend in Problem 4 help you to answer Problem 5?

- Explain to your partner how you solved Problem 6 or Problem 7. How did you show your thinking?

Debrief

- When you were measuring the paper today, how did your strategy change the second time you solved the problem? Which strategy was more efficient and accurate?

- How would you convince me that there is a benefit to measuring with centimeters versus meters? How about a ruler versus a meter strip?

Exit Ticket

Name _____ Date _____

Measure the length of each line and compare.

Line M _____

Line N _____

Line O _____

1. Line M is about _____ cm longer than Line O.

2. Line N is about _____ cm shorter than Line M.

3. Line N doubled would be about _____ cm (longer/shorter) than Line M.