Eureka Math

3rd Grade
Module 2
Lesson 1

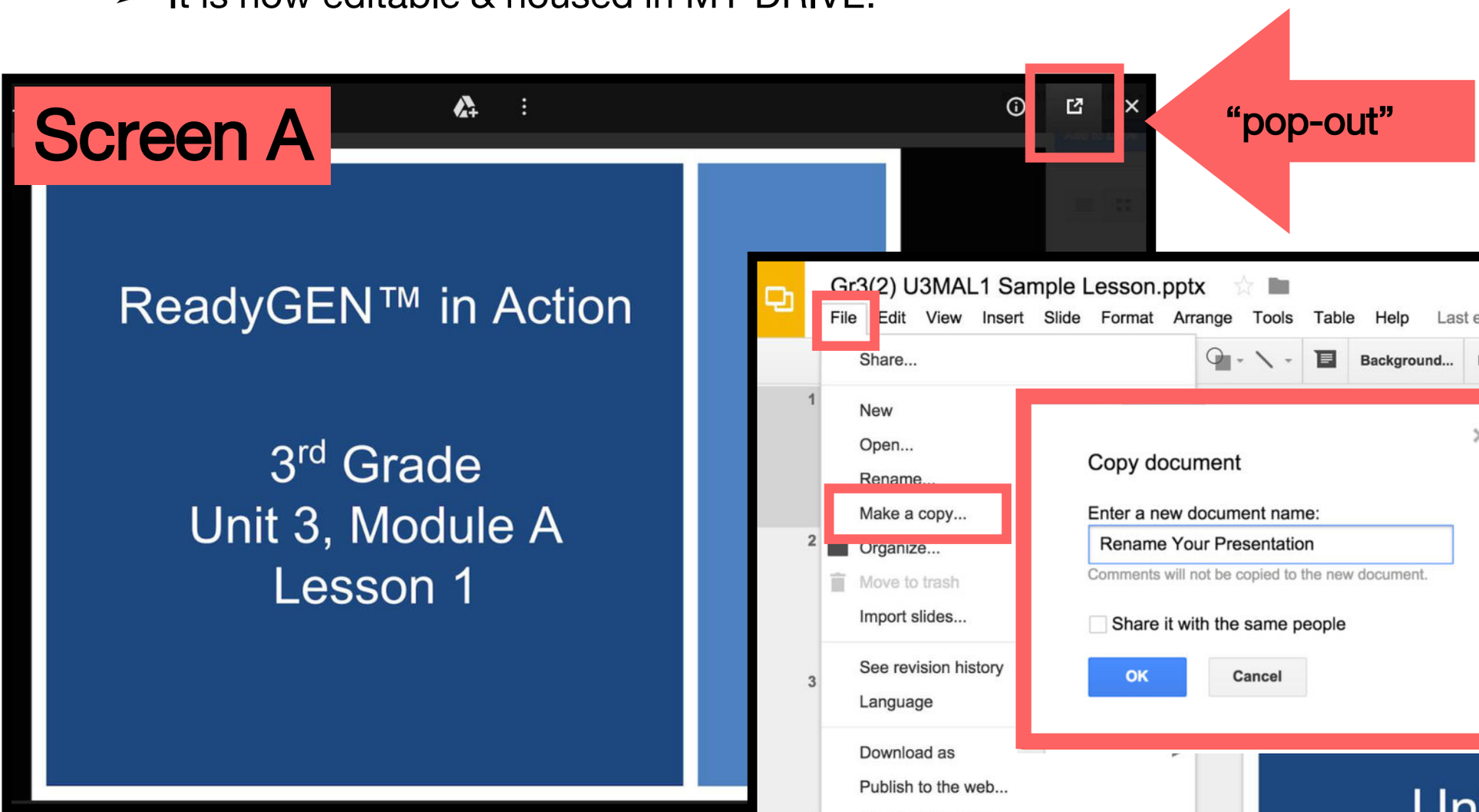
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

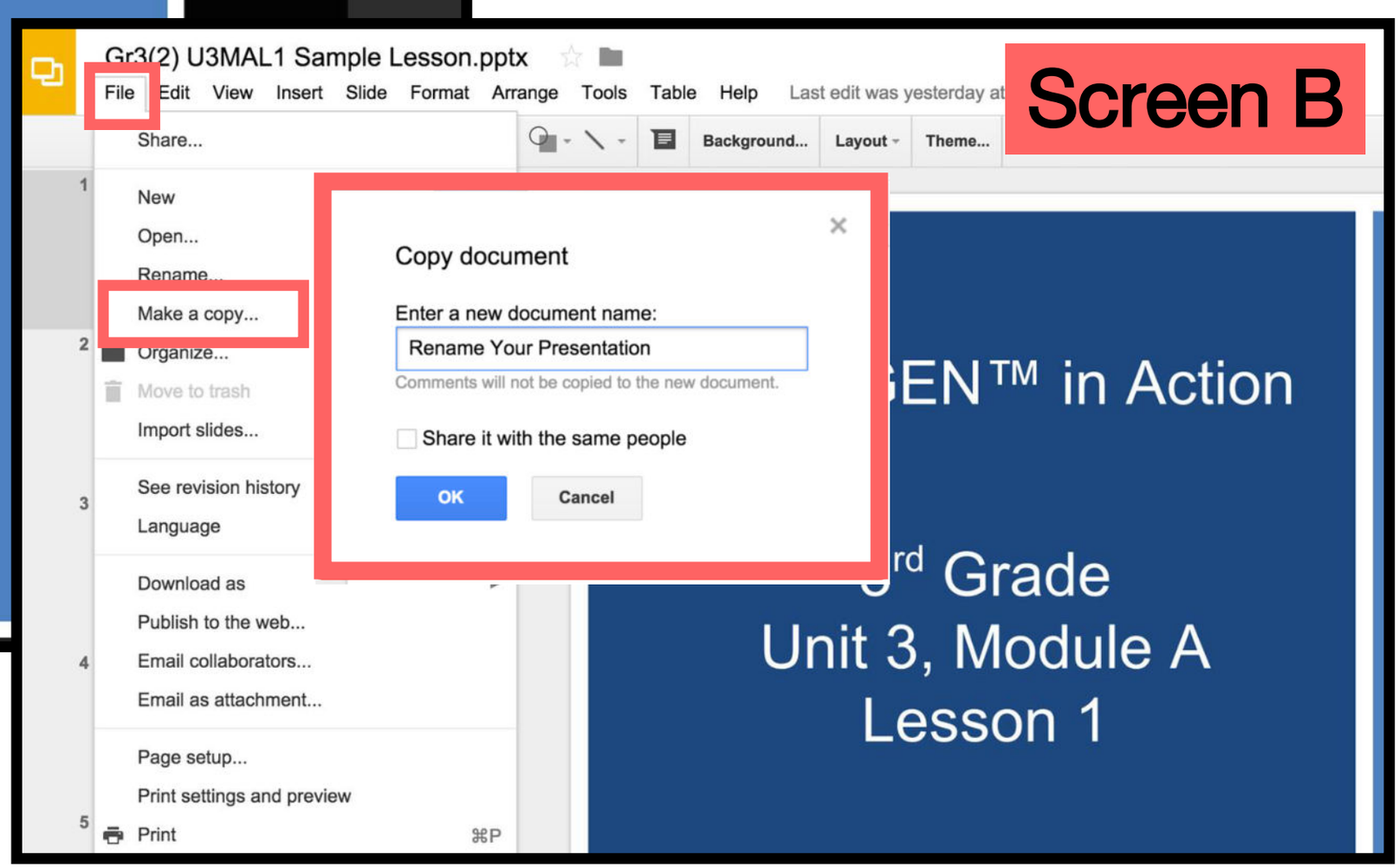
Directions for customizing presentations are available on the next slide.

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.



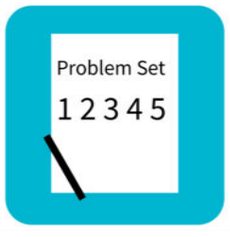


Icons

Read, Draw, Write

Learning Target

Personal White Board

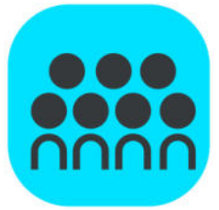


Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

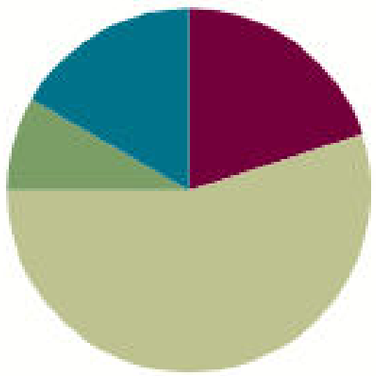
Small Group Time

Lesson 1

Objective: Explore time as a continuous measurement using a stopwatch.

Suggested Lesson Structure

Fluency Practice	(12 minutes)
Application Problem	(5 minutes)
Concept Development	(33 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



I can explore time as a continuous measurement using a stopwatch.

Tell Time on the Clock

Start at 12 and count by 5 minutes on the clock.

Minute Counting

There is an 60 minutes in 1 hour.

Count by 10 minutes and 6 minutes to 1 hour.

Count by 3 minutes to a half hour.

Application Problem

Ms. Bower helps her kindergarteners tie their shoes. It takes her 5 seconds to tie 1 shoe. How many seconds does it take Ms. Bower to tie 8 shoes?

RDW

Concept Development

Problem 1: Explore seconds as a unit of time.

It takes Ms. Bower 5 seconds to tie one shoe. Does it take a very long time to tie a shoe?

Concept Development

Seconds are a unit of time.

What are other things we might measure using seconds?

Concept Development

In partners take turns using a stopwatch to measure how long it takes them to do the following:

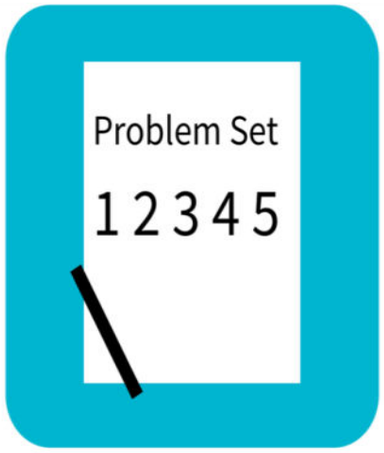
Skip count by fives to 60.

Draw a 6 by 10 array.

Concept Development

Part 3: Explore time as a continuous measurement.

We can use the stopwatch to start measuring how many minutes it takes to get dark outside. Will it take a long time?



Problem Set

Problem Set (10 minutes)

Students should do their personal best to complete the Problem Set within the allotted 10 minutes. Some problems do not specify a method for solving. This is an intentional reduction of scaffolding that invokes MP.5, Use Appropriate Tools Strategically. Students should solve these problems using the RDW approach used for Application Problems.

For some classes, it may be appropriate to modify the assignment by specifying which problems students should work on first. With this option, let the purposeful sequencing of the Problem Set guide the selections so that problems continue to be scaffolded. Balance word problems with other problem types to ensure a range of practice. Consider assigning incomplete problems for homework or at another time during the day.

Debrief

Any combination of the questions below may be used to lead the discussion.

- Explain to your partner why the activities in Problem 5 did not take that long to complete.
- Did it take you longer to complete Problem 1 or Problem 4? Why?
- Why do we use a stopwatch?
- **Seconds** and **minutes** are units we use to measure time. How are they different?
- Does time stop when we stop measuring time with our stopwatch? Use the word ***continuous*** to talk about why or why not with your partner.

Exit Ticket

After the Student Debrief, instruct students to complete the Exit Ticket. A review of their work will help with assessing students' understanding of the concepts that were presented in today's lesson and planning more effectively for future lessons. The questions may be read aloud to the students.