# Eureka Math

3rd Grade
Module 5
Lesson 4

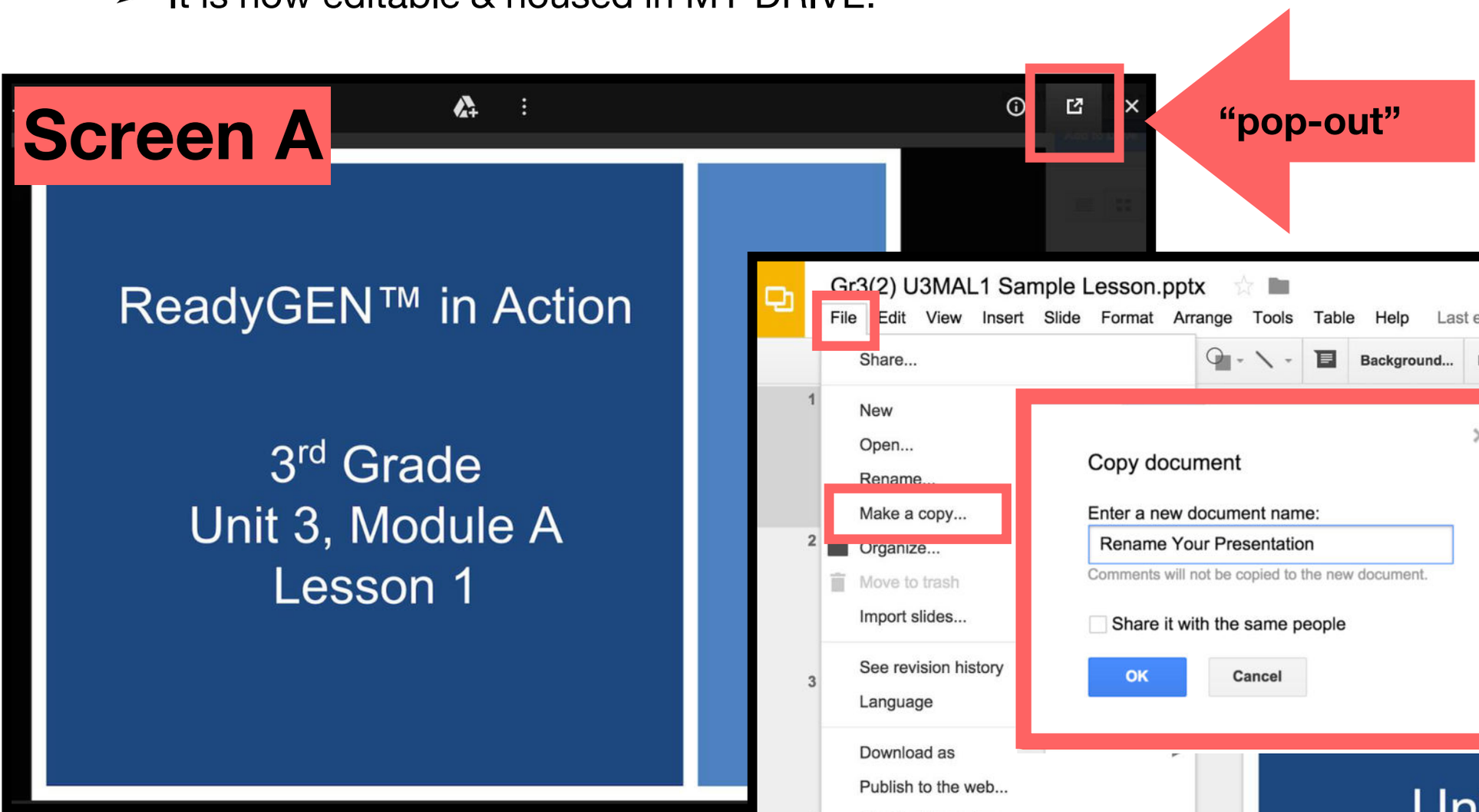
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

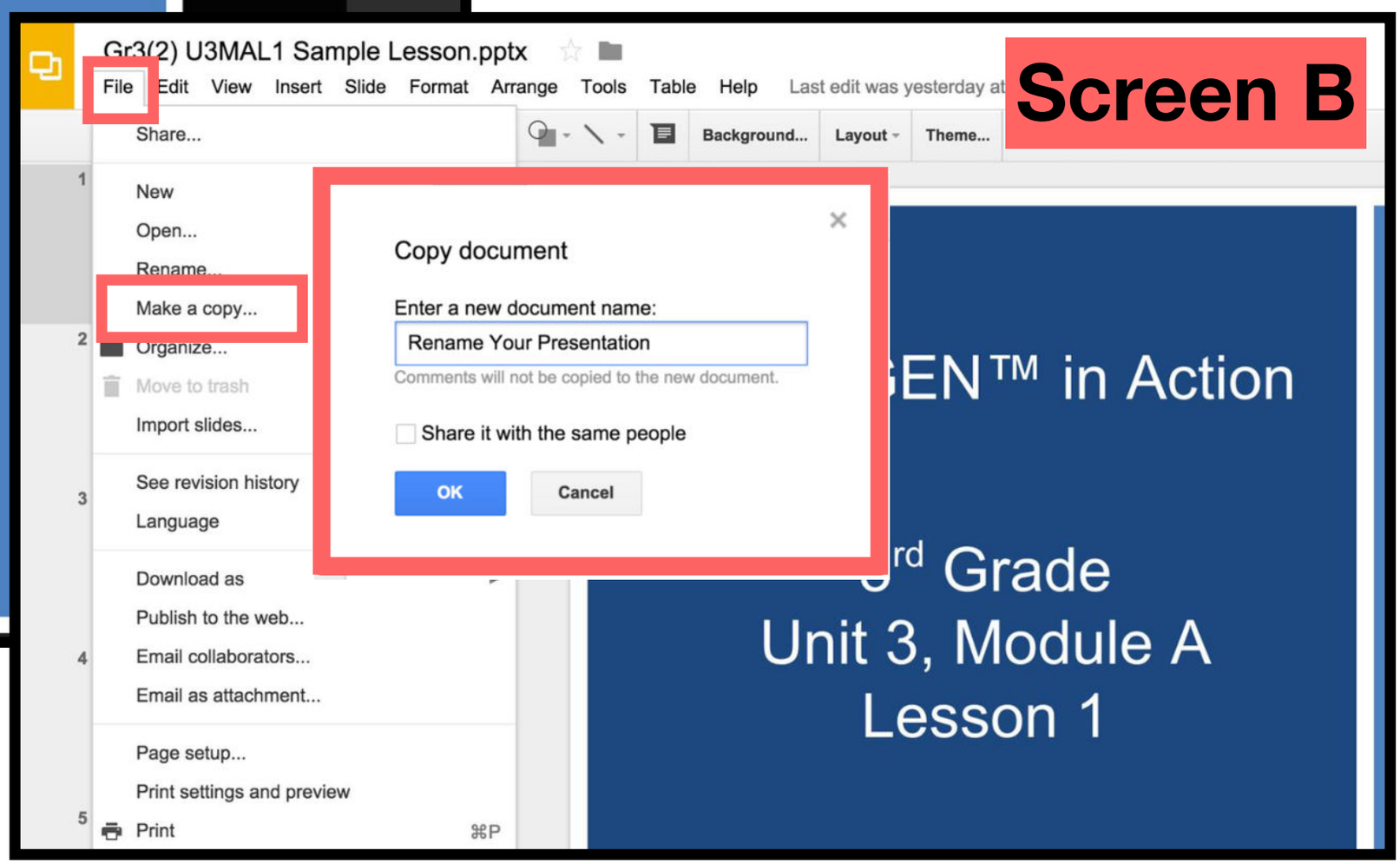
Directions for customizing presentations are available on the next slide.

# 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

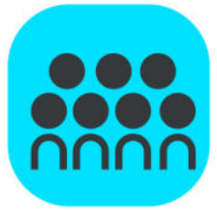
Personal White Board


Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

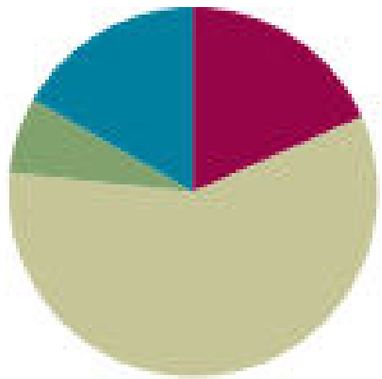
Small Group Time

# Lesson 4

Objective:  Represent and identify fractional parts of different wholes.

**Suggested Lesson Structure**

| | |
|---|---|
| Fluency Practice | (11 minutes) |
| Application Problem | (4 minutes) |
| Concept Development | (35 minutes) |
| Student Debrief | (10 minutes) |
| **Total Time** | **(60 minutes)** |



## Fluency Practice  (11 minutes)

- Sprint:  Multiply and Divide by Six **3.OA.4** (9 minutes)
- Group Counting **3.OA.1** (2 minutes)

# I can create and identify fractions as a part of a whole.

# Fluency Practice

## Sprint: Multiply and Divide by Six



**A**

Number Correct: _____

Multiply and Divide by Six

| | | | | | |
|---|---|---|---|---|---|
| 1. | 2 × 6 = | | 23. | ___ × 6 = 60 | |
| 2. | 3 × 6 = | | 24. | ___ × 6 = 12 | |
| 3. | 4 × 6 = | | 25. | ___ × 6 = 18 | |
| 4. | 5 × 6 = | | 26. | 60 ÷ 6 = | |
| 5. | 1 × 6 = | | 27. | 30 ÷ 6 = | |
| 6. | 12 ÷ 6 = | | 28. | 6 ÷ 6 = | |
| 7. | 18 ÷ 6 = | | 29. | 12 ÷ 6 = | |
| 8. | 30 ÷ 6 = | | 30. | 18 ÷ 6 = | |
| 9. | 6 ÷ 6 = | | 31. | ___ × 6 = 36 | |
| 10. | 24 ÷ 6 = | | 32. | ___ × 6 = 42 | |
| 11. | 6 × 6 = | | 33. | ___ × 6 = 54 | |
| 12. | 7 × 6 = | | 34. | ___ × 6 = 48 | |

# Fluency Practice

## Group Counting

**Count forward and backward as I indicate with pointing my finger.**

**Sixes to 60**

**Eights to 80**

**Nines to 90**

# Application Problem

**Mr. Ramos sliced an orange into 8 equal pieces. He ate 1 slice. Draw a picture to represent the 8 slices of an orange. Shade in the slice Mr. Ramos ate. What fraction of the orange did Mr. Ramos eat? What fraction did he not eat?**

# Concept Development

## Fraction Stations

**Station A: Halves Sixths**

**Station B: Fourths Ninths**

**Station C: Eighths Fifths**

**Station E:**

**Station F:**

**Station G:**

# Concept Development

**Museum Walk**

**Identify the fractional unit.**

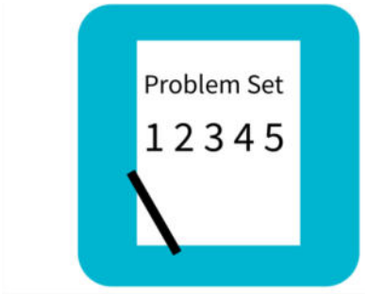
**Think about how the units relate to each other at that station.**

**Compare the yarn to the yellow strip.**

**Compare the yellow strip to the brown paper or candy bar.**

**Compare the water to the clay.**

**Think about how that unit relates to your own and to other units.**




# Problem Set



Name _____ Date _____

1. Draw a picture of the yellow strip at 3 (or 4) different stations. Shade and label 1 fractional unit of each.

2. Draw a picture of the brown bar at 3 (or 4) different stations. Shade and label 1 fractional unit of each.

# Debrief

**What was the same at each station? What was different?**

**What different fractional units did you see as you went from station to station?**

**What did you notice about different fractional units at the stations?**

**Which fractional units had the most equal parts?**

**Which fractional units had the least equal parts?**

**What surprised you when you were at the different fractional units?**

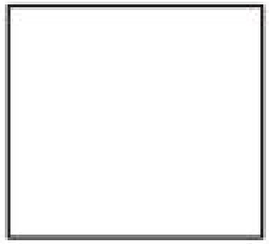
# Exit Ticket



Name _____ Date _____

Each shape is 1 whole. Estimate to equally partition the shape and shade to show the given fraction.

1. 1 fourth



2. 1 fifth