Materials List

Personal white boards

(S) 8 paper strips sized 4 ¼ inches by 1 inch (vertically cut an 8 ½ inch x 11 inch paper down the middle), pencil, crayon

Eureka Math

3rd Grade
Module 5
Lesson 2

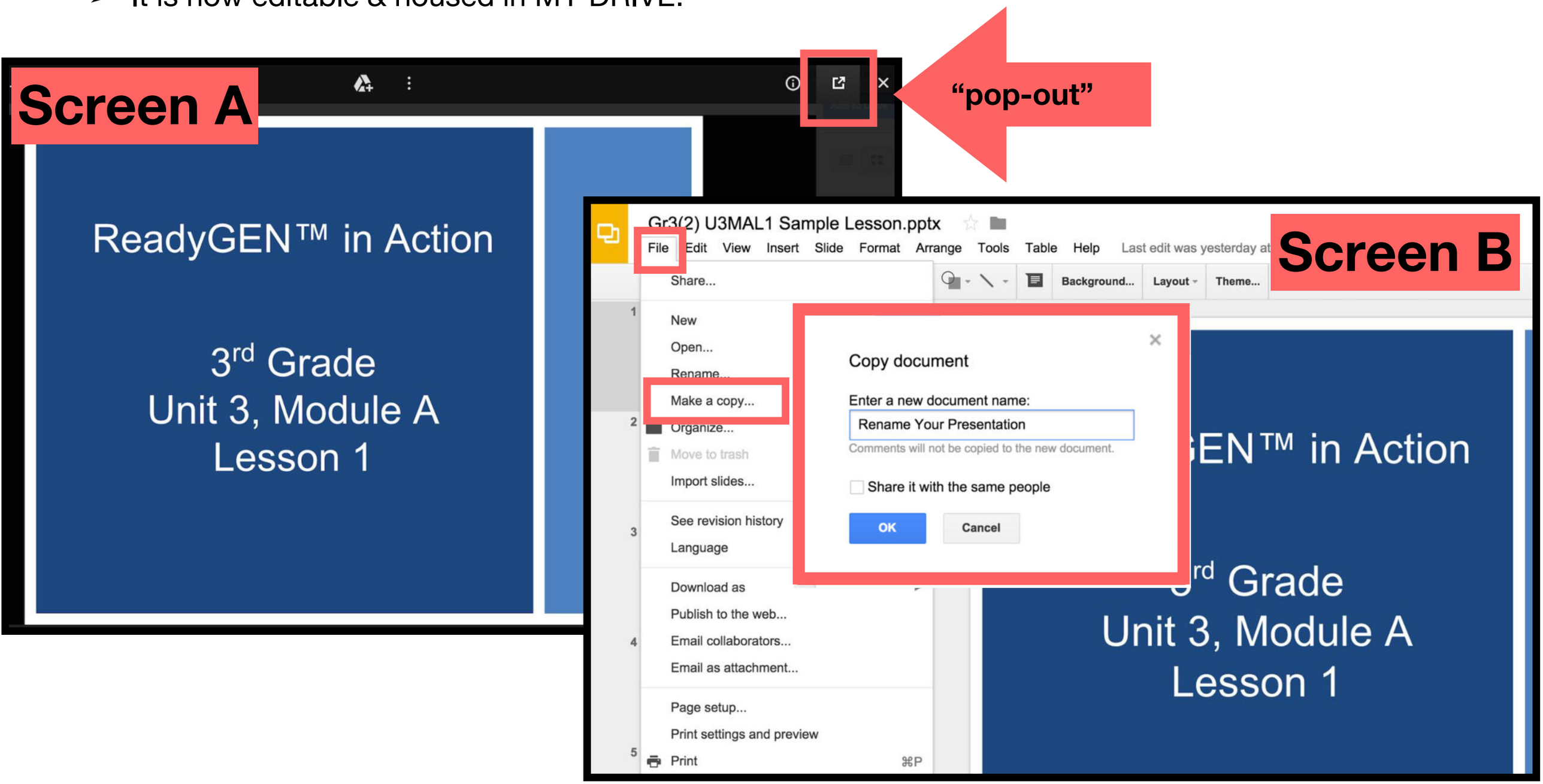
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

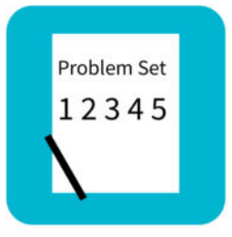


Icons

Read, Draw, Write

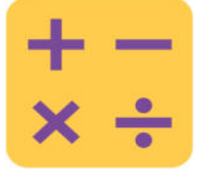
Learning Target

Personal White Board



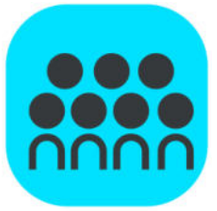
Problem Set

Manipulatives Needed



Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

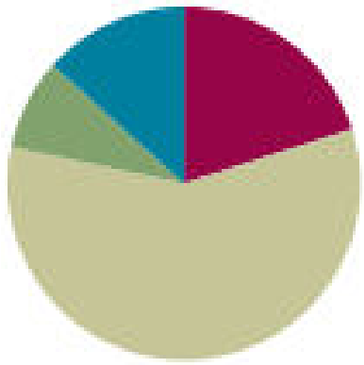
Small Group Time

Lesson 2

Objective: Specify and partition a whole into equal parts, identifying and counting unit fractions by folding fraction strips.

Suggested Lesson Structure

Fluency Practice	(12 minutes)
Application Problem	(5 minutes)
Concept Development	(35 minutes)
Student Debrief	(8 minutes)
Total Time	**(60 minutes)**



Fluency Practice (12 minutes)

- Group Counting **3.OA.1** (6 minutes)
- Multiplication by Three and Six **3.OA.4** (6 minutes)

I can break a whole into fractional units and identify the parts.

Fluency Practice

Group Counting

Count forward and backward as I indicate with pointing my finger, by…

Threes to 30

Fluency Practice

Group Counting

Count forward and backward as I indicate with pointing my finger, by…

Sixes to 60

Fluency Practice

Group Counting

2 X 3 =

3 X 3 =

4 X 3 =

2 X 6 =

3 X 6 =

4 X 6 =

Application Problem

Anu needs to cut a piece of paper into 6 equal parts. Draw at least 3 pictures to show how Anu can cut her paper so that all the parts are equal.

Concept Development

Take one strip and fold it to make halves.

How many equal parts do you have in the whole?

What fraction of the whole is 1 part?

Concept Development

Draw a line to show where you folded your paper. Write the name of the fraction on each equal part.

Say:

There are _____ equal parts in all.

One equal part is called _____.

Concept Development

Repeat by folding and labeling strips to show:

Fourths

Thirds

Fifths

Eighths

Sixths

Tenths

Concept Development

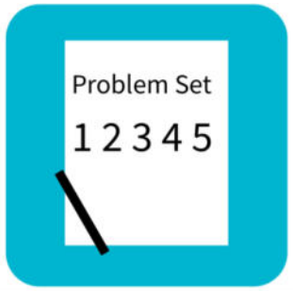
Look at your set of fraction strips. Imagine they are 4 pieces of delicious pasta. Raise the strip in the air that bet shows how to cut 1 piece of pasta into equal parts with your fork.

Concept Development

Look at your fraction strips. Imagine they are lengths of ribbon. Raise the strip in the air that best shows how to divide the ribbon into 3 equal parts.

Concept Development

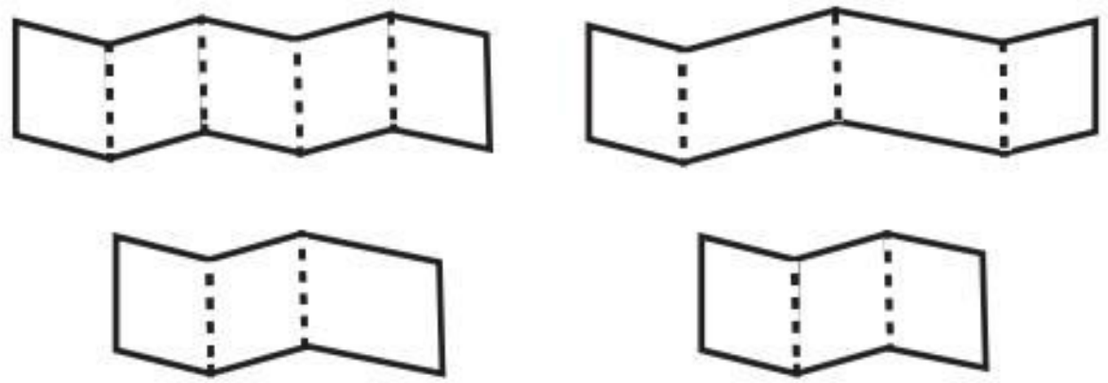
Look at your fraction strips. Imagine they are candy bars. Which best shows how to share your candy bar fairly with 1 person? Which shows how to share <u>your half</u> fairly with 3 people?



Problem Set

Name _____ Date _____

1. Circle the strips that are folded to make equal parts.



2.

a. There are _____ equal parts in all. _____ are shaded.

Debrief

If the size of the whole stays the same, what happens as you partition it into more and more parts?

What is the relationship between the number of equal parts and the name of the fraction?

What strategies did you use for folding different fractional parts?

What is the relationship of halves to fourths?

What is the relationship of thirds to sixths?

What is the relationship of halves, fourths, and eighths to thirds and sixths?

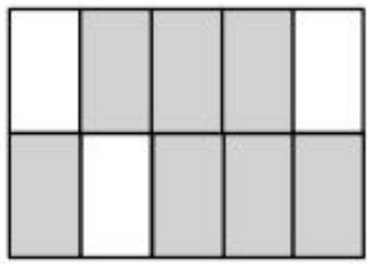
How does today's Fluency Practice relate to the thirds and sixths we studied in the lesson?

Exit Ticket

Name _____ Date _____

1. Circle the model that correctly shows 1 third shaded.

2.



There are _____ equal parts in all. _____ are shaded.