

# Eureka Math

## Kindergarten Module 6 Lesson 8

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.
- 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



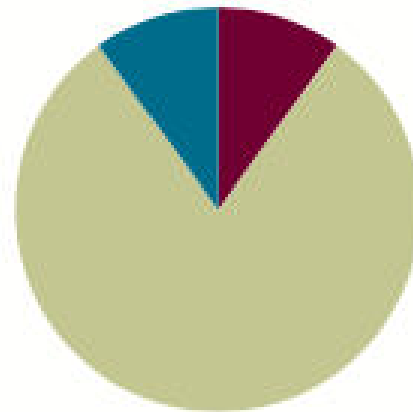
Small Group Time

## Lesson 8

**Objective:** Culminating task—review selected topics to create a cumulative year-end project.

### Suggested Lesson Structure

■ Fluency Practice	(5 minutes)
■ Concept Development	(40 minutes)
■ Student Debrief	(5 minutes)
<b>Total Time</b>	<b>(50 minutes)</b>





# Materials Needed

**Teacher**



# Materials Needed

## Student

- Summer packets (built in Lesson 7 with Fluency Template)
- Materials and Note: Today's lesson is a celebratory Math Olympics. There are activities set up in five different events or stations around the classroom, through which small groups of students rotate for seven minutes each. At each station, students have paper, pencils, and markers in addition to many copies of the half-page recording sheets. (Some students may be able to complete more than one at each station in the time allotted.)



# Materials Needed

## Student

- Teachers might wish to supply popcorn, ribbons, or small prizes for the participants during the end of the lesson Student Debrief celebration. Students use the materials they create at the stations to make a book reviewing some of the main concepts that they learned this year.
- In addition to the recording sheets and writing tools, individual station materials are as follows:
  - A. Make-10 Mania: Linking cube 10-sticks
  - B. Five-Group Frenzy: Digit cards 1–20
  - C. Shape Shifters: Pattern blocks and markers
  - D. The Weigh Station: 2 pan balances, bags of



# Materials Needed

## Student

- D. The Weigh Station: 2 pan balances, bags of pennies, mystery bag of small objects to weigh
- E. Awesome Authors: Large foam die, linking cubes to serve as addition support, if necessary
- Fun signs for the individual stations may be made up in advance, if desired. It is suggested that, if possible, older students, parents, administrators, or community volunteers be enlisted to help oversee the individual events in the Math Olympics. That way, the following lengthy explanation can be omitted, and students can instead receive the directions for a particular station upon arrival.





Culminating task—review selected topics to create a cumulative year-end project.



# Fluency Practice

## (5 minutes)

### My Favorite Fluency (5 minutes)

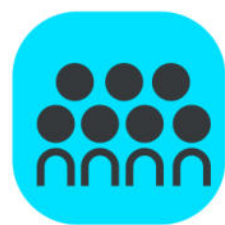
Using their Getting Ready for First Grade packets, students practice their favorite fluency activity or teach it to a guest attending the Math Olympics. If available, invite Pre-K students to learn a fluency activity from their older kindergarten buddies.



# Application Problem

(5 minutes)

**There is no Application Problem today in order to allow more time for the cumulative project.**

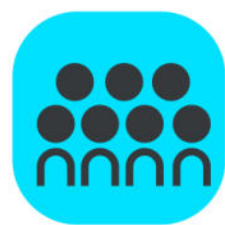


# Concept Development

## (40 min)



We are going to have a special Math Olympics celebration today! You are going to use many of the things that you learned to make your own math book to take home for the summer. We have several special stations set up today.

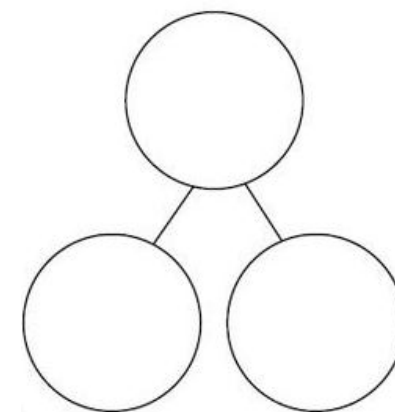


# Concept Development

## (40 min)

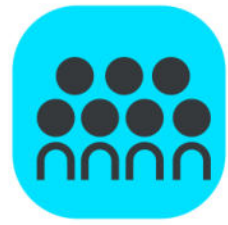
### Station A: Make-10 Mania

Here, you break apart 10-sticks and create number bonds and number sentences showing different ways to make 10. Find as many different pairs as you can, and write them on the recording sheets.





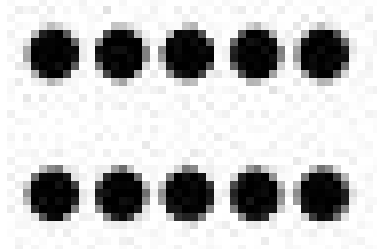
# Concept Development



(40 min)

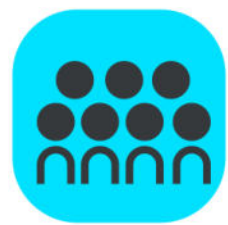
Station B, : Five-Group Frenzy

Here, you choose digit cards, write the numbers in your best penmanship, and show them on recording sheets the 5-group way. In the last box, show your number in another way, too!





# Concept Development

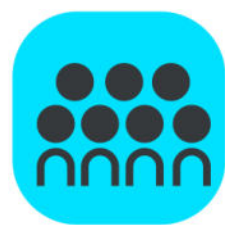


(40 min)

## Station C: Shape Shifters

Here, you choose up to 5 pattern blocks, make a shape with them on your paper, and trace the outline. If you have time, you trade with a friend and see if you can fill in his outline with the blocks!





# Concept Development

## (40 min)



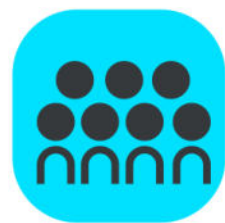
### Station D: The Weigh Station

Here, you choose an object from the mystery bag. After you've held it and tested its weight with your hands, guess how many pennies are the same weight as your object. Then, check your guess, and record your work! If you have time, you can weigh more objects.

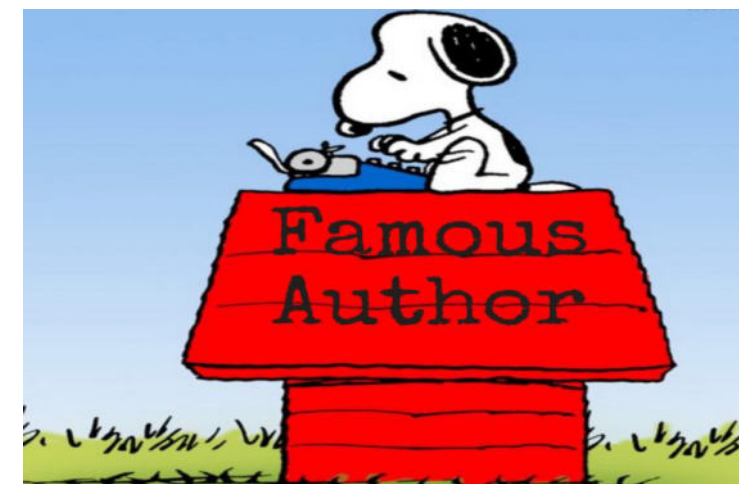




# Concept Development

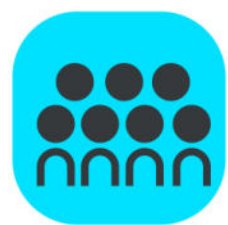


(40 min)



Station E: Awesome Authors.

At the last station, you are a math author! You roll the die to get a number. You use this number as part of an addition or a subtraction sentence. Think of a story that includes your number. Draw your picture and your number bond, and then write the number sentence. Make sure that you will be able to share your story with a friend or someone at home!



# Concept Development

## (40 min)

You have seven minutes at each of the stations, and then, when you hear this sound (flute, bell, whistle, clap, or other signal), you will switch. When you have finished all of the stations, make sure your name is on all of your recording sheets, and give them to me. I will make them into a math book of your very own! We will gather together at the end for a special celebration.



# Recording Sheets

A STORY OF UNITS

Lesson 8 Recording Sheet

K•6

Name \_\_\_\_\_ Date \_\_\_\_\_

**A. Make-10 Mania:** Show how you made 10.

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Name \_\_\_\_\_ Date \_\_\_\_\_

**B. Five-Group Frenzy:** Write the number, draw the number in the 5-group way, and draw the number in any other configuration.

		
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A STORY OF UNITS

Lesson 8 Recording Sheet

K•6

Name \_\_\_\_\_ Date \_\_\_\_\_

**C. Shape Shifters:** Choose 5 pattern blocks, and create a shape. Trace your shape, and then trade with a partner.

-----  
Name \_\_\_\_\_ Date \_\_\_\_\_

**D. The Weigh Station:** Choose an object. Guess how many pennies are the same weight as the object. Then, see if you guessed correctly! Draw a picture of the object, and write how many pennies it weighs.



# Recording Sheets

A STORY OF UNITS

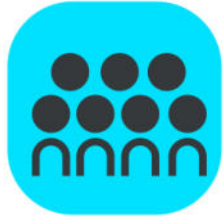
Lesson 8 Recording Sheet

K•6

Name \_\_\_\_\_ Date \_\_\_\_\_

**E. Awesome Authors:** Roll the die. Use the number to create an addition or take-away sentence. Draw a picture, number bond, and number sentence. Share your story with a friend.

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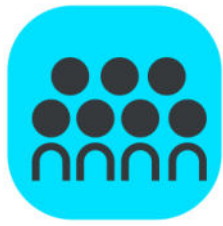


# Debrief

(13 minutes)

## **Lesson Objective:**

Culminating task—review selected topics to create a cumulative year-end project.



# Debrief

(7 minutes)

- Which station did you find to be the most challenging? Why? Which station did you like best today? Why?
- What was the best thing about math this year?
- What are you looking forward to learning about next year?
- Let's have some popcorn!



# Exit Ticket

(0 minutes)