



# MATH NEWS



Kindergarten, Module 1, Topic E

Fall 2014

## Kindergarten Math

Module 1: Numbers to 10

### Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in Eureka Math (© 2013 Common Core, Inc.) that is also posted as the Engage New York material which is taught in the classroom. Module 1 of Eureka Math (Engage New York) covers Numbers to 10. This newsletter will discuss Module 1, Topic E.

Topic E. Working with Numbers 6 – 8 in Different Configurations

### Objective

In Topic E, students' engage in counting numbers above 5, namely 6, 7, and 8 in varied configurations. The students use their growing skill and knowledge of counting up to five to reason about larger numbers in the more difficult linear, array, circular, and scattered configurations.

As in previous topics the students will count objects and match their count with a digit card to reinforce that the last number said when counting tells the number of objects.

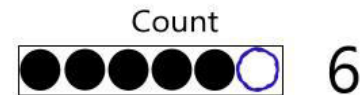
## OBJECTIVE OF TOPIC E

- 1 Count 4–6 objects in vertical and horizontal linear configurations and array (i.e., 3 and 3, 3 twos) configurations. Match 6 objects to the numeral 6.
- 2 Count 4–6 objects in circular and scattered configurations. Count 6 items out of a larger set. Write numerals 1–6 in order.
- 3 Count 5–7 linking cubes in linear configurations. Match with numeral 7. Count on fingers from 1 to 7 and connect to 5-group images.
- 4 Reason about sets of 7 varied objects in circular and scattered configurations. Find a path through the scattered configuration. Write numeral 7. Ask, “How is your seven different than mine?”
- 5 Compare counts of 8 in linear and array configurations. Match with numeral 8.
- 6 Arrange and strategize to count 8 beans in circular (around a cup) and scattered configurations. Write numeral 8. Find a path through the scatter set and compare paths with a partner.

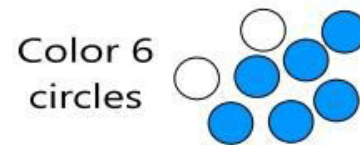
## Focus Area– Topic E

Working with Numbers 6 – 8 in Different Configurations

In Lesson 17, students will count the objects in a vertical or horizontal line and draw one more then write the number.



In Lesson 18, students begin to count objects in a circle and/or scattered on a work mat. They will also count 6 objects out of a larger set.



In Lesson 19 and 20, students will count linking cubes. They will match objects with the numeral 7 and count on fingers from 1 to 7.

Color 5 squares on the 5-group card. Then color 2 squares on the other 5-group card.



Count how many squares you colored. Write the total. 7

Answer my riddle. 7 is 5 and 2 more.

In Lesson 21 and 22, students will count objects to 8.

Color 4 squares red. Color 4 squares yellow. Count how many? Write the number in the box

