

# MATH NEWS

Kindergarten, Module 3, Topic B

## Kindergarten Math

Module 3: Comparison of Length, Weight, Capacity, and 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 3 of Eureka Math (Engage New York) covers Comparison of Length, Weight, Capacity, and Numbers to 10. This newsletter will discuss Module 3, Topic B.

Topic B. Comparison of Length and Height of Linking Cube Sticks Within 10

### Words to know

- The Same As
- Longer Than
- Shorter Than
- Compare
- More Than
- Fewer Than
- Less Than
- Lighter Than

### Objective

In Topic B, students will describe the measureable attributes of objects, such as length and weight. Students will also begin to describe several measureable attributes of a single object and compare two objects using a common attribute. Students will learn to describe the differences between two objects using the words less than and more than.

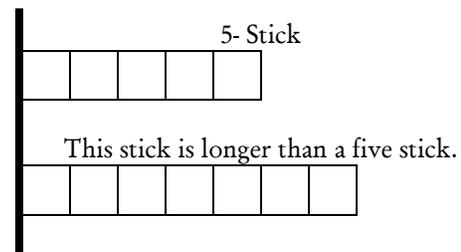
## OBJECTIVE OF TOPIC B

- 1 Compare the length of linking cube sticks to a 5-stick.
- 2 Determine which linking cube stick is taller or shorter than the other.
- 3 Compare length of linking cube sticks to various objects.
- 4 Compare objects using the same as.

## Focus Area– Topic B

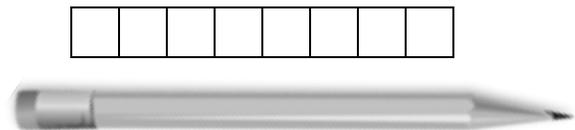
Comparison of Length and Height of Linking Cubes Within 10

In *Lesson 4*, the students begin to compare multi-unit linking cube sticks to a five stick. A five stick is 5 blocks that are snapped together. The students will snap together blocks to make their own stick, then determine if the stick they made is longer or shorter than the five stick.



In *Lesson 5*, the students will continue to compare length. They will be looking at blocks that have endpoints that are aligned and not aligned. The blocks above are aligned because they are lined up to the left. When something is not aligned it looks like the pencil and blocks below.

*Lesson 6* begins to compare linking cube sticks to objects.



The pencil is longer than the linking cube stick, and the linking cube stick is shorter than the pencil.

*Lesson 7* is an extension of decomposition work from Module 1. Students will break their 5-stick into two parts. This encourages their fluency with facts to 5.

These blocks show that 5 can decompose to 2 and 3.



These blocks show another way to decompose 5 is 1 and 4.

