

# MATH NEWS

Kindergarten, Module 3, Topic A

## 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 A.

Topic A. Comparison of Length and Height

### Words to know

- Taller Than
- Shorter Than
- Compare
- Height
- Longer Than
- Endpoints
- Length

### Objective

In Topic A, students begin by identifying the attribute of length by determining that a book and a ribbon can be compared in different ways: longer than, shorter than, or taller than. Then it proceeds to comparing length and height when endpoints are aligned and not aligned. It will also begin to show differences between **length** and **height**.



## OBJECTIVE OF TOPIC A

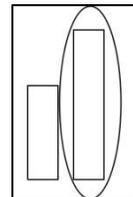
- 1 Compare lengths using *taller than* and *shorter than* with aligned and non-aligned endpoints.
- 2 Compare length measurements with string.
- 3 Make series of *longer than* and *shorter than* comparisons.

## Focus Area– Topic A

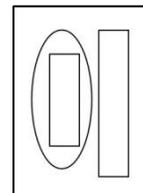
Comparison of Length and Height

In *Lesson 1*, the students begin to **compare** lengths using **taller than** and **shorter than**.

In each pair, circle the taller one. Imagine the paper strips are lying flat on a table.



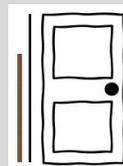
In each pair, circle the shorter one. Imagine the paper strips are lying flat on a table.



In *Lesson 2*, the students will compare length using a string.



The string is **longer than** the leaf.  
The leaf is **shorter than** the string.



The string is shorter than the door.  
The door is **taller than** the string.

In *Lesson 3*, students will be asked to draw objects shorter, taller, and longer than different objects.

- Draw a house.
- Draw my sister shorter than the house.
- Draw a tree taller than the house.
- Draw a branch the shorter than the house.
- Draw a snake longer than the branch.

