Dear First Grade Families,

We are about to begin our 3rd module in mathematics. In this letter, we will share a grade-specific overview of the year, as well as information about our current module.

**Summary of the Year**

First grade mathematics is about:

(1) Developing understand of addition and subtraction, and strategies for addition and subtraction within 20;

(2) Developing understanding of whole number relationships and place value, including grouping tens and ones;

(3) Developing understanding of linear measurement and measuring lengths as iterating length units;

(4) Reasoning about attributes of, and composing and decomposing geometric shapes.

The learning goal for each student is to *achieve mastery by the end of the school year*. Along the way teachers and students will celebrate what the students can do now and identify what the students need to work on next.

**A Story of Units**

The yearly curriculum is broken into modules (units), whose sequence is as follows:

Module 1: Sums and Differences to 10

Module 2: Introduction to Place Value Through Addition and Subtraction Within 20

**Module 3: Ordering and Comparing Length Measurements as Numbers**

Module 4: Place Value, Comparison, Addition and Subtraction of Numbers to 40

Module 5: Identifying, Composing, and Partitioning Shapes

Module 6: Place Value, Comparison, Addition and Subtraction of Numbers to 100

As your child begins a new module, you will receive information explaining the learning targets that are being addressed.

**Module 3: Overview**

Module 3, which focuses on measuring and comparing lengths indirectly and by iterating length units, gives students a few weeks to practice and internalize “making a 10” during daily fluency activities.

Please see reverse side for specific Module 3 objectives.

If at any time throughout the module, you have questions or concerns regarding your child’s progress, please feel free to contact your child’s teacher.

Sincerely,

MUFSD 1st Grade Teachers

**Module 3 Objectives:**

The following objectives will be addressed in Module 3. You will recognize that some of them are the same objectives we worked on in Module 1, though some of the objectives are new, as we will begin focusing more deeply on measurement and will learn how to organize, represent, and interpret data. Some of these objectives are ongoing and will reappear in future modules this year. We will also revisit them through our classroom math rituals throughout the entire year.

Your child will:

* Model addition and subtraction word problems using objects, drawing, and equations with unknown numbers in different positions.
* Solve addition and subtraction word problems using objects, drawings, and equations.
* Solve word problems with unknown numbers in different positions.
* Recognize when an object is longer or shorter than another object.
* Organize three objects by length in order from shortest to longest.
* Compare the lengths of two objects by using a third object.
* Explain how to use a shorter object to measure the length of a longer object and explain why it is important to avoid gaps and overlaps.
* Report the length of an object as the total number of shorter objects it takes to span the longer object without gaps and overlaps.
* Represent the length of the longer object with a whole number.
* Organize and represent data in up to three categories (groups).
* Answer questions about the total number of data points and how many data points are in each category.
* Determine when a category has more or less than another category.