Dear Second Grade Families,

We are about to begin our 1st 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**

Our Second Grade students will be engaged in mathematics that will focus on:

(1) Extending understanding of base-ten notation;

(2) Building fluency with addition and subtraction;

(3) Using standard units of measure;

(4) Describing and analyzing 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 20**

Module 2: Addition and Subtraction of Length Units

Module 3: Place Value, Counting, and Comparison of Numbers to 1000

Module 4: Addition and Subtraction within 200 with Word Problems to 100

Module 5: Addition and Subtraction within 1000 with Word Problems to 100

Module 6: Foundations of Multiplication and Division

Module 7: Problem Solving with Length, Money, and Data

Module 8: Time, Shapes, and Fractions as Equal Parts of Shapes

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

**Module 1 Overview**

From Grade 1, students have fluency of addition and subtraction within 10 and extensive experience working with numbers to 100. Module 1 of Grade 2 establishes a motivating, differentiated fluency program in the first few weeks that will provide each student with enough practice to achieve mastery of the new required fluencies (i.e., adding and subtracting within 20 and within 100) by the end of the year. Students learn to represent and solve word problems using addition and subtraction: a practice that will also continue throughout the year.

**Module 1 Objectives**

The following objectives will be addressed in Module 1, however many are ongoing and will reappear in future modules.

Your child will:

* Choose when to use +/- in word problems.
* Represent +/- word problems using objects, drawings, equations with unknowns in all positions.
* Solve +/- word problems that involve two steps.
* Solve word problems with unknown numbers in different positions. (e.g., 5 + \_ = 13, \_ + 8 = 13, 5 + 8 =\_ ).
* Use mental strategies (e.g., count on, make 10) to add or subtract numbers within 20 with ease.
* Recall from memory all sums of two one-digit numbers.
* Add and subtract numbers within 100 with ease by applying strategies (e.g., decomposing numbers into tens and ones, using commutative and associative properties, using mental strategies) based on the numbers being added or subtracted.

If, at any time throughout Module 1, you have any questions or concerns regarding your child’s progress, please feel free to contact his or her teacher.

Sincerely,

MUFSD 2nd Grade Teachers