Dear Second Grade Families,

We are about to begin our 5th 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 3: Place Value, Counting, and Comparison of Numbers to 1000
Module 4: Addition and Subtraction within 200 with Word Problems to 100
Module 2: Addition and Subtraction of Length Units
Module 5: Addition and Subtraction within 1000 with Word Problems to 100
Module 7: Problem Solving with Length, Money, and Data
Module 8: Time, Shapes, and Fractions as Equal Parts of Shapes
Module 6: Foundations of Multiplication and Division

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

Module 5 Overview

Module 5 builds upon the work of Module 4. Students again use place value strategies, manipulatives, and math drawings to extend their conceptual understanding of the addition and subtraction algorithms to numbers within 1000. They maintain addition and subtraction fluency within 100 through daily application work to solve one- and two-step word problems of all types. A key component of Modules 4 and 5 is that students use place value reasoning to explain why their addition and subtraction strategies work.

Module 5 Objectives

The following objectives will be addressed in Module 5, however many are ongoing and will reappear in future modules.

Your child will:

- Use concrete models or drawings to show how to add within 1000 using a strategy based on place value.
- Use concrete models or drawings to show how to subtract within 1000 using a strategy based on place value.
- Use concrete models or drawings to show other strategies for adding and subtracting within 1000.
- Write down and explain the steps that are followed as using the concrete models or drawings to show how one added or subtracted.
- Mentally add 10 to a given number from 100-900.
- Mentally subtract 10 from a given number from 100-900.
- Mentally add 100 to a given number from 100-900.
- Mentally subtract 100 from a given number from 100-900.
- Explain addition and subtraction using place value.
- Explain addition and subtraction using the properties of operations.

If, at any time throughout Module 5, 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

Module 5 includes the Common Core Standards for Mathematical Content for Number and Operations in Base Ten: 2.NBT.7, 2.NBT.8, 2.NBT.9 and the Mathematical Practices for: 2.MP.3, 2.MP.6, and 2.MP.7.