Dear Second Grade Families,

We are about to begin our 2nd 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 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 3 Overview**

All arithmetic algorithms are manipulations of place value units: ones, tens, hundreds, etc. In Module 3, students extend their understanding of base-ten notation and apply their understanding of place value to count and compare numbers to 1000. In Grade 2 the place value units move from a proportional model to a non-proportional number disk model (see picture). The place value table with number disks can be used through Grade 5 for modeling very large numbers and decimals, thus providing students greater facility with and understanding of mental math and algorithms.

**Module 3 Objectives**

The following objectives will be addressed in Module 3, however many are ongoing and will reappear in future modules.

Your child will:

* Represent 100 as ten groups of 10.
* Represent each digit in three-digit numbers using hundreds, tens and ones.
* Explain the value of each digit in a three-digit number.
* Explain the value of zero as zero tens or zero ones.
* Count to 1,000 using 1s, 5s, 10s and 100s.
* Read and write numbers to 1,000 in different ways (expanded form, base-ten numerals, and number names).
* Compare three-digit numbers using <, =, and >.

If, at any time throughout Module 3, 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