Grade 2 – Unit 2

We are beginning Unit 2 in math: Place Value to 1000. This unit will connect the work of composing and decomposing numbers from grade 1. Students will extend their understanding of our place value system. They will investigate how numbers can be represented in a variety of ways including standard form and expanded notation/form. Students will explore the concept of multiple sets of 10’s and 100’s to build understanding for the work with addition and subtraction in later units.

Some examples of the work your child will be doing are:

* Noticing patterns in our number system when skip counting by a particular number
* Using benchmark numbers to help solve problems
* Example: 68 + 18 can be thought of as 70 + 18 = 88 – 2 = 86
* Students will be investigating how to represent numbers in a variety of ways.
* Example: 125 = 1 hundred + 2 tens + 5 ones OR 12 tens + 5 ones OR 11 tens + 15 ones
* Example: Standard form: 125 Expanded notation form: 100 + 20 + 5

Determining equivalence

* Example: 43 + 43 = 80 + 6
* Composing and decomposing numbers in deepen understanding of place value and solve addition and subtraction problems
* Example: 17 + 23 = (10 + 7) + (20 + 3) = (10 + 20) + (7 + 3) = 30 + 10 = 40

Here is how you can help your child while our class is working on this unit:

* Practice basic addition and subtraction facts within 20.
* Give your child a number and ask *How many tens are in \_\_\_\_?*
* Give your child a two-digit number and ask *How many more to the next ten?*
* Example: I have 36 *How many more to make 40?*
* Reinforce strategies that help your child think flexibly about numbers. Encourage them to think about how to compose, decompose, and group numbers to find efficient ways to solve problems.
* Encourage your child to explain her/his thinking as she/he solves problems.

If you have any questions, please contact your child’s teacher or the Math Science Teacher.