Grade 2 – Unit 5

We are beginning Unit 5: Addition and Subtraction within 1000. The purpose of this unit is to extend the understanding of the structure of our number system and place value. Students will understand that the position of the digits determines their value (the place of a digit in a 4-digit number represent the number of thousands, hundreds, tens, and ones). Students will use algebraic properties to develop efficient strategies for computing with whole numbers within 1000.

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

* Students will explore patterns in our number system when counting by 10, 100, 1000.
* Example: 4 represents the number of 100s in the number 1,472
* Students will add and subtract by 10s, 100s, 1000s.
* Example: What number is 10 more than 87?
* Example: What number is 100 less than 435?
* Students will use algebraic properties to develop efficient strategies for computing with whole numbers within 1000.
* Example:

135 + 142 = 142 + 135 OR

135 + \_\_\_\_ = 277

* Students will use benchmark numbers, partitioning, or composing and decomposing to solve problems
* Example: 448 + 132 can be thought of as: (450 + 132) – 2 or
* (400 + 40 + 8) + (100 + 30 + 2) =(400 + 100) + (40 + 30) + (8 + 2) or
* 400 + 50 + 100 + 30 = 500 + 70

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

* 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.

For additional information, take a look at the Fairfield Public School Parent Guide at <http://fairfieldpublicschoolsk5math.wikispaces.com/home>