Grade 2 – Unit 7

We are beginning Unit 7: Linear Measurement with Standard Units and Time. The students will work with non-standard (paper clips, cubes, etc) and standard measures (inches, feet, yards, centimeters, meters) to measure length and height. Students will describe the relationship between the size of the measurement unit and the number of units needed to measure something. (If you measure a person in both centimeters and inches the number or cm will be greater because the measure is smaller.) They will also investigate telling time on analog and digital clocks and calculate elapsed time (the amount of time between the start and end of an activity).

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

* Estimating and measuring things in their world using non-standard and standard measurement tools (rulers, yard sticks, meter sticks).
* Making direct comparisons between two objects by selecting an appropriate tool and measuring side by side.
* Differentiating between the U.S. Customary (inches, feet, yards) and metric system (centimeters, meters)
* Telling time after and before the hour within 5 minutes
* Example: (8:40 = 20 of 9)
* Calculating elapsed time
* Exploring the relationship between fractions and measuring time
* Example: 15 minutes past the hour is ¼ (quarter) of the whole

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

* Continue to practice basic math facts.
* If they don’t already own one, buy your child an inexpensive analog watch (w/2 hands).
* Let your child be the family time-teller/keeper, frequently asking them to *tell the time,* *tell how much time until a specific activity*, or *how much time an activity took to complete.*
* 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.