

September 2011 Math Parent Newsletter for Grades 2-5



Math 2 News!

In the month of September, the students will focus on patterns, graphing, and number relationships. Students will extend, create, and identify a rule for increasing numerical patterns. They will collect, organize and display data in more than one way, and create and interpret tallies, bar graphs, and pictographs. Finally, students will read, write, model, and compare whole numbers less than 1,000, identify ten more than and ten less than a number, and describe numbers as odd or even.

- Mrs. Boyce, Mrs. Gupta, Mrs. Jakiun

Math 3 News!

During the month of September, students in Math 3 will explore the concepts of place value, addition and subtraction involving regrouping, and data collection. Our study of place value will include reading and writing numbers up to ten-thousand (10,000). Students will write numbers using standard form, word form and expanded notation. Students will be able to add and subtract numbers that involved regrouping, and estimate sums and differences by rounding numbers. During our study of data collection, students will use a variety of methods to display data. In doing so, students will choose the most appropriate data display, the best scale to use, and how to interpret the data display. Comparisons will also be made between different data sets. Remember to practice your basic facts!

-Mrs. Altuner, Mrs. Herwood, Mrs. Remson, Mrs. Williamson

Math 4 News!

During the month of September, Math 4 students will use their knowledge of place value to read and write numbers up to one million using standard and expanded notation. Data will be collected and displayed in a variety of ways, including line plots and line graphs. Students will describe the data by using the terms mean, median, mode, and range. Remember, it is never too early to start practicing those basic facts! A little practice goes a long way!

-Ms. Cain, Ms., Futrovsky, Mrs. Mayers, Mrs. Hilbrecht, & Mr. Delescavage

Math 5 News!

During September, Math 5 students will focus on number relationships. Students will begin with identifying multiples. This will lead students into identifying the least common multiple of two numbers. Students will also discover the divisibility rules. Next, they will use their knowledge of multiplication and division facts to find ALL the factors of a number. This skill will help students identify the greatest

common factor of two numbers. At the end of the month, students will identify prime and composite numbers. Any support you can give your child with their multiplication and division facts will be greatly appreciated!

-Mr. Humprey, Mrs. Kim, Ms. Mstowski, Mrs. Stadler

Math 6 News!

During September, students will focus on data analysis. In the first unit students will conduct simple statistical investigations, display data, and discuss what they learned from the investigations. Later in this unit, students investigate measures of central tendency (mean, median and mode) and discover which measure of central tendency is most representative for a given data set. Students will wrap up Unit 1 towards the end of September or early in October.

-Mrs. Zacharda

Math 7 News!

The instructional focus of this unit is the interpretation of data using statistical measures and data displays. Statistical measures include mean, median, mode, quartiles, range, and interquartile range. Data displays include box and whisker plots, back-to-back stem and leaf plots, and scatter plots. A particular emphasis is on comparison of sets of data and drawing conclusions based on statistical measures and data displays. Data can be organized in such a way as to influence decisions or the development of new ideas. Understanding data displays and statistical measures is becoming increasingly more important in our technological world. Students will encounter graphs and statistics throughout their lives. Student's exposure to determining the validity of claims based on data can help them deal with complex issues in today's world.

Unit 1 Data Analysis Overview:

Box and Whisker Plots

Comparison of Box and Whisker Plots and Measures of Central Tendency (mean, median, mode)

Scatter Plots

Valid Claims of Data

Sampling Errors

-Mr. Huston

