

October 2011 Math Newsletter for Grades 2-5

Gibbs Elementary School



Math 2 News!

In October, Math 2 students will continue to focus on number relationships. Students will extend and create patterns using pattern rules. They will analyze data to tallies, bar graphs, and pictographs and interpret those graphs. Numbers up to 1000 will be written, read, and modeled. The unit 1 assessment will be given to all students in 2nd grade math in mid-October. At the end of October, we will begin unit 2-Geometry. Students will identify and describe plane and solid shapes according to such attributes as the number and shape of faces, edges, and vertices.

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

Math 3 News!

In October, Math 3 students will organize data from a variety of sources and display it using tables, pictographs, and bar graphs. They will also interpret and compare this data. The students will identify, describe, extend, and create a variety of non-numeric and numeric patterns. They will continue to add and subtract two and three digit numbers with regrouping.

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

Math 4 News!

During the month of October, students will continue to collect and display data 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. This month, we will also be focusing on geometry where students will compare and classify figures according to their geometric properties.

-Mrs. Cain, Ms. Futrovsky, Mrs. Hilbrecht, Mrs. Mayers

Math 5 News!

During October, students in Math 5 will complete Unit 1. Tentatively, students will take the assessment on October 20th. Prior to the assessment, students will recognize and extend arithmetic and geometric patterns (see examples below). Students will also learn to represent functional relationships using graphs and tables. Students will write a rule for each function table using variables. Unit 1 will wrap up with students comparing and ordering positive and negative integers. Please continue to review the divisibility rules, LCM and GCF and prime and composite numbers with your child. At the end of the month, students will dive into learning geometry in Unit 2!

Arithmetic pattern: 3, 5, 7, 9, ... or 36, 32, 28, 24, ...

Geometric pattern: 1, 2, 4, 8, ... or 686, 98, 14, 2

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

Math 6 News!

This month students will begin Unit 2. This unit is split into four sections. The students will be assessed on the first two sections in November. The other two sections will be assessed in early January. Throughout this unit students will deepen their understanding of decimals, fractions and percents. They will use estimation to solve computation problems with decimals. They will add, subtract, multiply and divide with decimals and fractions. Students will also apply these skills to compare and convert customary and metric measurements.

-Mrs. Zacharda

Math 7 News!

The instructional focus in this unit is representing large and small numbers using exponents and scientific notation, solving one- and two-step equations and inequalities containing integers, and performing the four operations on integers. Students extend their prior understanding of powers and exponents to negative exponents in part A. This understanding is necessary for writing large and small numbers in scientific notation. Students use scientific notation to compare the magnitude of numbers and to compute with very large and very small numbers. In part B of this unit, students apply formulas and evaluate algebraic expressions. They use their prior understanding of order of operations and apply the commutative, associative, and distributive properties to solving equations and inequalities. Students write one- and two-step equations with whole numbers in one variable to represent relationships between quantities in real situations. Comparing, ordering, and representing rational numbers in equivalent forms is a focus in part C of the unit. Students develop an understanding of operations with integers using concrete models and number lines. This understanding leads to the ability to perform operations and solve problems with integers. Matrices are introduced in this part of the unit. Students add and subtract

matrices containing integers. In part D of this unit, students write and solve equations containing integers. Students also solve and graph inequalities on a number line.

-Mr. Huston

