

PRE-ALGEBRA THIS WEEK

January 18-22, 2010



Grade level expectations to be taught this week:

8th grade

Statistics and Probability 5: using a systematic approach to find sample spaces and to making predictions about the probability of independent events and using information to solve real world problems

Geometry 2: To use attributes and properties of regular polygons to identify and describe prisms

Geometry 8 determine circumference and area of circles

ACTIVITIES FOR THIS WEEK:

- 1. Students will perform the activity “Apple pi” to determine circumference and area of circles. They will measure real life objects and will discover relationship of circumference to the diameter of circles. Also in this activity, they will explore the area of circle formula through Archimedes method.*
- 2. Students will also work on combination and permutation using the Fundamental Counting Principle through an activity called “Countdown challenge”. Also in this activity, students will learn the difference between combination (when order does not matter when arranging objects) and permutation (where order matters when doing arrangements). Real life examples will also be used to help them understand the concepts.*
- 3. Winter benchmark for AIMS web starts this week. AIMS web in Math is a 4-minute accuracy test on basic operation skills on whole numbers, decimals and fractions. A child who has the basic skills mastered can score from 50-100 correct digits in this type of test. The test is just one of the tools teachers use to determine student’s proficiency in math.*

Note: An updated progress report will be given to students this week. This will help them keep track of missing assignments and assignments that need to be corrected. The official progress report will be given to them, January 25 for parent signature.