



Math and Science Camp News

<http://www.ipfw.edu/msc>

DAY 2

Volume III
Issue II
July 10, 2007

Problem solving, Calculators and More!



As part of the AHEC funding, students were provided with calculators for the week. Today Mr. Fider instructed the students on how to use them, including the unique feature that allows students to type in mixed numbers and fractions. The best perk about this is the students will have their own calculator to take home with them at the end of the week! Another math investigation had students working through some problem solving exercises. Part of these exercise was figuring out how to complete a mathematical trick with their friends and family.

A representative of DePuy joined the students this morning to help them understand what exactly DePuy does. Charles Cush brought in examples of knee and hip replacements explaining the procedures and answering student's questions. Students were able to examine models of the replacements and figure out just how much replacements cost.

Special Guest

3 . . . 2 . . . 1 . . . Blast Off!



The final activity for the day was to stretch and grow the students' creative juices. Their objective was to build a water rocket out of a 2 liter pop bottle, an assortment of cardboard, tape, and other decorative things. This announcement was followed by a flurry of cardboard and tape. Students were instructed over the concepts that make a rocket fly well including the ideas of the center of mass and center of pressure. They headed off for a warm but successful afternoon of blasting off their creations. The rockets are filled about half full with water. Then the rockets are pressurized with air and released to find out how high and how straight each rocket will fly. The results were spectacular!