

# Math and Science Camp News

Day 2

Volume 1 Issue 2

July 19, 2005

## Math and Science Campers Build Balloons! Flights disappointing

This morning the campers completed the balloons they started yesterday. This involved inflating the balloons with a fan and looking for open seams. The balloons were very well built this year.



Miles tests his balloon

Unfortunately, because of problems with the heater made the flights lower than they should be. We will re-try the flights another day.

The campers went behind the Building of Science to try attempt the flights. Unfortunately,

hypotheses. These hypotheses were: 1) that a heavier car will move faster down the incline because the force of gravity is stronger on the car and air resistance will have a smaller impact on a heavier car. 2) a lighter car will travel farther on a horizontal because there will be less friction acting on the car and the wind will help push the car along.



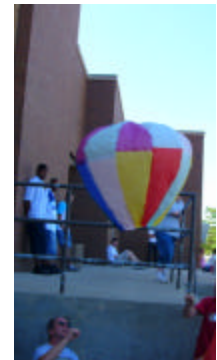
Charles and Dominick build their cars

Since there were heater problems the trials were cut short and the campers continued with building pinewood derby cars to test two

The campers spent the remaining time building their cars in preparation for races to take place later in the week.



Campers before their first balloon flight.



## Campers Make T-Shirts

In the afternoon, the campers made their T-shirts using the designs that they had developed yesterday. This involved dipping various tessellating shaped sponges in various color fabric paints and placing them on the T-shirt. It looked like good messy fun!



Having completed the T-shirts, the campers went outside to work on orienteering and making sure they don't get lost. Later in the week they will be doing a "hunt" to test their orienteering skills.



Andrew works on his T-Shirt



Campers try to find their way