

ENGINEERING jets

Doing something different... **By: Sarah Chapman**

Most clubs may watch movies or go on ski adventures. Not this club! These senior men and women challenge themselves as they take on college-level engineering problems. With their skills, they compete against other schools, solving problems with exceptional accuracy. The team qualified for both the regional competition as well as the national. They finished in second place with a score of 59 in the regional challenge and

look to do even better as they gear up for whatever may come their way on the national level. The team is in division five going up against other schools in the area. The team has already surpassed the scores they achieved last year and look to do even better in the future. The competition itself consists of two parts. The first part is the regional level where the group is given ten objective problems, with each problem consisting of ten sub parts. From there, if a

team qualifies for nationals, they face the second part of the competition. This part consists of five of the problems that were given during the first part of the challenge. The group works together as they perform tasks and vie for first place. Members of the club include **Christine Troy, 12, Kim Haugen, 12, Karen Staubach, 12, Robert Truax, 12, Nat Howard, 12, Dennis Jiang, 12, Marc Stewart, 12,** and **Tianlai Lu, 12.**

NASA dime

Who said a dime wasn't worth anything? **By: Sarah Chapman**

FOR THE FOURTH YEAR students participated in Dropping In a Microgravity Environment, commonly known as DIME. Run by NASA, DIME is a program in which students compete with one another, and allows them and their teachers to create and build a science experiment. Team member's **Christine Troy, 12, Jacob Lee, 12,**

Patricia Troy, 10, and **Srikanth Karanam, 10,** worked hard on building their experiment and taking it to Cleveland on April 19-22 for the big competition. For this year's experiment, students composed "Fluid Projectiles in Microgravity: which consists of spraying water into baby diapers while they free fall [diapers]. At the beginning of the year students wrote a proposal on Fluid Projectiles.

Only four proposals were accepted from around the country, and one of the proposals that our students wrote was admitted. The students included in the proposal why they wanted to create the experiment and what was needed to get it done. The competition was open to every high school in the United States.

Science Olympiad

Brains over Brawn

By: Sarah Chapman

THE SCIENCE OLYMPIAD is where brains win over brawn every time. The competition was held Friday, November 14th at Cumberland University in Southern Kentucky. The team met every Monday with the other competitive science teams to formulate strategy. Members included **Alihan Sivaganesan, 11, Marc Stewart, 12, Allison Lacker, 11, Maki**

Nakao, 11, Shriya Raghavan, 11, Andy Ng, 11, Venkat Shankar, 11, Sara Rashkin, 11, and **Megan Miraglia, 11.** The purpose of the meetings was not to practice for the competition, but to plan out who did what and in what events each person would participate. On Saturday, March 20, these science students competed successfully in the regional Science Olympiad, and walked away with a number of individual

honors. **Andy Ng, 11, Ahilan Sivaganesan, 11, Marc Stewart, 12, and Sam Kim, 11** all were awarded gold medals.

"I didn't do anything to prepare for the competition. The last day I volunteered to go to the tournament. For the silver medal that I won, I actually guessed for the last four problems," says Kim. Students have shown vast improvement compared to last season's Science Olympiad team.