

DROPPING FOR DIMES

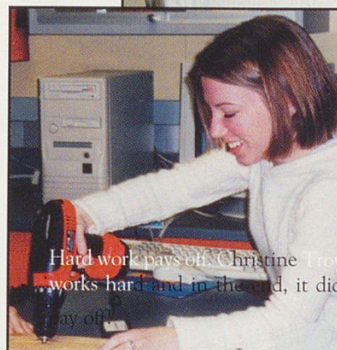


"Students submit a proposal for experimentation, if that is approved then four students and one teacher travel to Cleveland, Ohio with their experiment ready for testing,"
Mrs. Cindy Parrott

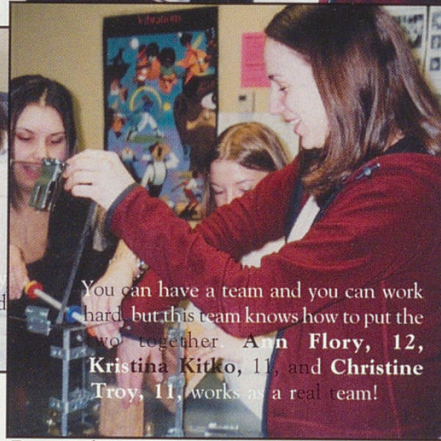
For the third year science and physics students are participating in Dropping In a Microgravity Environment, better known as DIME. It is run by NASA and is a competition program which allows students with their teachers to create and build a science experiment and then if they win they get to test their experiments in NASA's microgravity drop tower facility. Each team consisted of four students and one teacher, **Daniel Ahn, 12, Ann Flory, 12, Kristina Kitko, 11, Christine Troy, 11, Mrs. Cindy Parrott** in charge of design and production, and **Mrs. Susan Odell** was supervisor of the group. The experiment that they designed was designed was intended to test how the removal of gravity affects the spacing of a row of horizontal magnets. When



In awe of their accomplishments, **Ann Flory, 12,** and **Christine Troy, 11,** admire their work while their supervisor, **Mrs. Susan Odell,** looks on.



Hard work pays off. **Christine Troy** works hard and in the end, it did pay off.

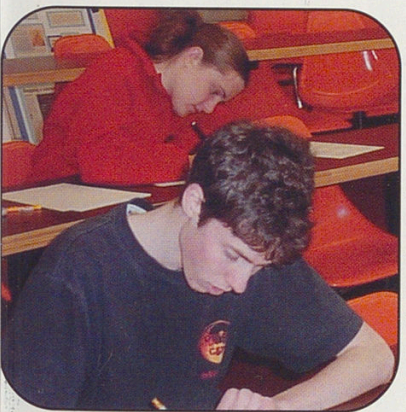


You can have a team and you can work hard, but this team knows how to put the two together. **Ann Flory, 12, Kristina Kitko, 11, and Christine Troy, 11,** works as a real team!

submitting their proposal, the group followed a given set of guidelines in constructing an experimental design report. This design was one of four across the nation to be accepted to be tested at NASA's Glenn Research Center. Upon acceptance, the team refined their proposal in preparation for a trip up to Glenn

Research Center. When the team arrived at NASA, they presented their proposal to the three other teams, followed by later testing in NASA's 2.2 Second Microgravity Drop Tower. Finally, after many months, this team was accepted and was one of four other teams that got to test their experiments. **By Carly Mandel**

GETTING DOWN WITH NUMBERS



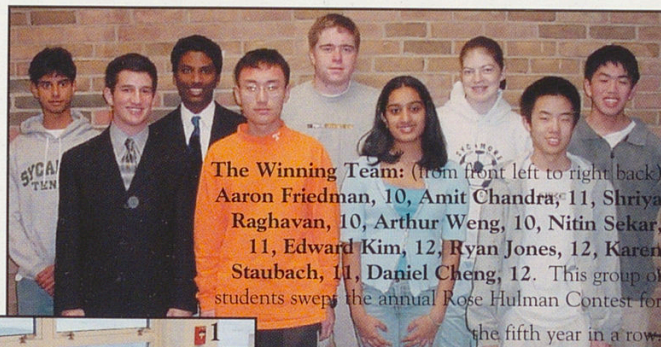
"I like math club because it is challenging especially around contest time,"
Jacob Lee, 12

Problem Solvers! The Math Club hit a high with a record-breaking 83 members, cosponsored by **Mrs. Barbian** and **Ms. Hardy**. This group of students, made up of everyone from students in Calculus BC to students in Algebra I, gathered together each month for fun in math games like hex and chess where the students had to apply complex math ideas to common games. These games were a big hit. The students had fun eating and laughing while they feverishly punched numbers into their calculators, scribbled math equations on scrap pieces of paper, or thought out complex strategy in their heads. This club was not all fun, though. Students met a challenge every time they entered Barbian's class room, having their minds stretched around tricky math problems. But even if they didn't

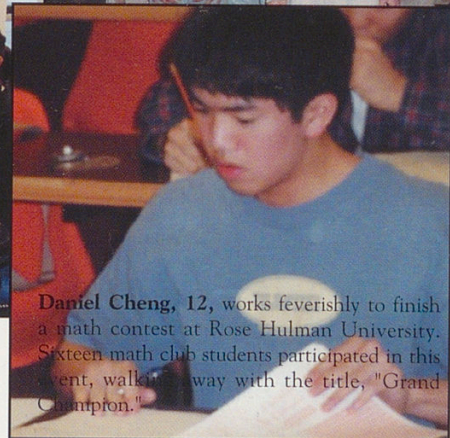


ever find the solution, this is sure: all these students got a good learning experience each month after school.

"Math Club kept me intellectually stimulated even after the school day was over," said **Nikki San Miguel, 11.**



The Winning Team: (from front left to right back) **Aaron Friedman, 10, Amit Chandra, 11, Shriya Raghavan, 10, Arthur Weng, 10, Nitin Sekar, 11, Edward Kim, 12, Ryan Jones, 12, Karen Staubach, 11, Daniel Cheng, 12.** This group of students swept the annual Rose Hulman Contest for the fifth year in a row.



Daniel Cheng, 12, works feverishly to finish a math contest at Rose Hulman University. Sixteen math club students participated in this event, walking away with the title, "Grand Champion."

1. Karen Staubach, 11, and Maki Nakao, 10, chat before a hard contest. They knew what a challenge was ahead of them, and they tried to work off some of their nervousness with a little side talk.

By Kim Andrews