

ABOVE: Watsonville High students Sara Benavidez (right) and Gabriela Sanchez control an underwater robot at the MESA event. BELOW: Pajaro Valley High freshman Adrian Rocha launches his mouse trap car.

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Register-Pajaronian

MESA

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Rocha finished third and Dias placed first. Dias' entry, in fact, crept up the test strip about 9 feet and stopped just inches from the target mark to a roar of applause for onlookers. Mousetrap cars, for that competition, are graded for distance and accuracy. Many of the entries simply stood still once tripped. Some even rolled backward. One car flipped over while another stopped halfway across the start line. Students and onlookers quickly got the idea that to have a mousetrap car move at all is an accomplishment, let alone roll a calculated distance and then brake near a target.

Dias was visibly overjoyed by her success.

Watsonville High freshman Sara Benavidez and sophomore Gabriel Sanchez said they competed in the solo math event.

"We were tested on algebra II and some trigonometry," Benavidez said. "It was a 50-minute test. I think I did all right.

Pajaro Valley High physics instructor Don Freitas said four students from his school were taking part in MESA Day.

"Some of our students love these events and they can't wait to just sink their teeth into the projects - it's really encouraging," he said.

Watsonville High senior Frank Torres said he entered the balsa wood stick bridge competition.

"It took about three weeks to build," he said. "It's a challenge; you have to get all the angles right. No matter what you think, you never know what's going to happen when they put pressure on the bridge."

The goal of MESA Day is to provide an opportunity for students to apply mathematics, science and engineering principles to individual and team academic contests, encourage students to explore attending college, build self-esteem, and expose students to cutting-edge technology and a college campus and faculty.

Finalists in the 22 MESA contests across California will now move on to finals in San Luis Obispo and then on to a national competition.

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> OF THE REGISTER-PAJARONIAN By TARMO HANNULA

tudents refine engineering

SANTA CRUZ — Local students rolled up their sleeves and showed their might Engineering at UC Santa Cruz.
The one-day event drew about competition at Jack Baskin School of Science Achievement Day preliminary Saturday at the annual Math Engineering from around Santa Cruz County. Math competitions included tests in algebra, 450 middle and high school students

some modifications and that took another 90 minutes or so. It's pretty minutes to build, but I had to make Rocha said. "It only took me about 45 Pajaro Valley High freshman Adrian "I built a mousetrap car this year,

and calculus. Hands-on physics com-petitions included student-created balmodels of a human eye, robotics and cars, egg drops, speak easy, digital 3-D sawood gliders and planes, mousetrap wood stick bridge construction.

is my second year at MESA. It's a one and it turned out pretty good.

snapped in half. Then I remade and she said. "So I made a second one a tion was "very difficult" to build. ten Dias said her mousetrap con

"I made it the first time and it far

1ESA competition at UC Santa Cruz draws more than 400 studen time it's rewarding. You really lea lot from being around all these peo

Pajaro Valley High sophomore