



## FREMONT BRANCH MOTHER/DAUGHTER STEM DISCOVERY DAY for 3rd and 4th Graders Saturday, Feb 23rd , 2019

### A new generation steps on to our Pathway to STEM

On Saturday February 23, 2019, 78 third and fourth grade girls and their moms joined us for our fortieth STEM Discovery Day. These young STEM enthusiasts embarking on our Pathway to STEM included girls from Fremont Unified School District, New Haven Unified School District, private schools and Title 1 students from Union City to whom we offered scholarships. In addition to old time favorites like Tangrams presented by AAUW member Janice Longo, and Build the Tallest Tower which is now presented by a team of Tech Trekkers under the leadership of AAUW members Linda Pearson and Sandra Madonna, we also had a team of PhD students from the Stanford University Chemistry Department who introduced polymers with a fun and hand-on activity 'Why Do Baby Diapers Absorb sooo much water'. A team from the Ohlone college 'Society of Women in Engineering' had the attendees build a simple electric train using the principles of electricity and magnetism. And our two additional teams of Tech trekkers moving up our 'Pathway to STEM' were well received in their offerings of 'Rainbow in a Tube' and 'Intro to Coding'. AAUW lifetime member and returning branch member Judy Wolf 'entertained' the attendees with tips on recycling household materials while Kathy Scrivani and the hospitality team's generous and delicious offering of snacks and beverages was well presented and appreciated by all.

### What they said.....

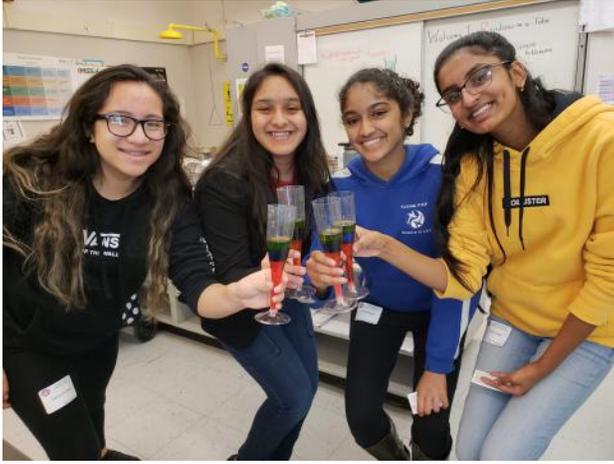
We went for the first time last year when my daughter was in the 3rd grade. She looked forward to the event with a lot of excitement and is looking forward to going again in the fall when she is in the 5th grade.

It was an amazing experience for me and my daughter. am glad, we could attend one in her 3rd. will definitely keep this going.

The event was very well organized and the tutors did an amazing job. As a scientist myself I really enjoyed how the material was made within reach of my 4th graders

Very educational, simple experiment and the young instructors impressed me as well.

## **A Busy Morning.....**



***Tech Trekkers Present Rainbow in a Tube***



***Learn why Diapers Absorb Sooo Much Water***



***Build the World's Simplest Electric Train***



***....and then Build a Rocket***



***Will this Tall(est) Tower Stand ?***



***Create your own Computer Maze Game***