

While we don't guarantee the effectiveness of these activities, we have heard nothing but good things about them. Branches might provide this list to parents and students who are ineligible or aren't selected for Tech Trek camps.

## SCIENCE CAMPS and ACTIVITIES in SOUTHERN CALIFORNIA

We welcome notice of other STEM activities suitable for children. The AAUW Tech Trek State Coordinator can be reached at [techtrek@aauw-ca.org](mailto:techtrek@aauw-ca.org)/ Our website is w<http://www.aauw.org/what-we-do/stem-education/tech-trek/>

COSMOS: California State Summer School for Mathematics and Science at UC San Diego  
<http://jacobsschool.ucsd.edu/cosmos/>

California Science Center (<https://californiasciencecenter.org>) Click on Programs  
Located at Exposition Park, phone: (323) SCIENCE, (323) 724-3623  
Write to: California Science Center, 700 Exposition Park Drive, Los Angeles, CA 90037

Destination Science (<https://destinationscience.org/>) has locations around the state. These are day camps.

iD Tech offers computer tech and gaming camps during the summer ([www.internaldrive.com](http://www.internaldrive.com))  
U.C. Irvine, UCLA, UCSB, UCSD, Cal. Lutheran

Reuben H. Fleet Science Center in San Diego (<https://www.rhfleet.org/>) 1875 El Prado – Balboa Park, San Diego, CA 92101, (619) 238-1233

Columbia Memorial Space Science Learning Center (<https://www.columbiaspacescience.org/>)

The Sally Ride Science Camps provide innovative hands-on science camps for girls entering 4<sup>th</sup> - 9<sup>th</sup> grades. They provide girls an opportunity to explore STEM fields while having fun on a college campus, such as UC Berkeley, U of San Diego, MIT, and Cal Tech  
<https://sallyridesience.ucsd.edu/junior-academy/>

### Other STEM Opportunities for Students

There are many opportunities to pursue an interest in science, technology, engineering, and math (STEM) in addition to the AAUW Tech Trek Math/Science Camps. Many schools have a robotics program and access to math/science camps, so check the possibilities at your school and at [educationunlimited.com](http://educationunlimited.com).

An eight-week program called the NASA SHARP (Summer High School Apprenticeship Research Program). Go to [nasa.gov](http://nasa.gov) and click on Education, then students for more information.

The Jet Propulsion Laboratory (JPL) has an open house on the third weekend in May each year to celebrate JPL's accomplishments with exhibits and demonstrations about ongoing research and space exploration. Many of the Lab's scientists and engineers are on hand to answer questions about how spacecraft are sent to other planets, how scientists utilize space technologies to explore Earth and how researchers are searching for planets beyond the solar system. The Open House is fun and educational, with special hands-on activities designed for kids. <http://www.jpl.nasa.gov/events/>.

The San Diego Zoo and Wild Animal Park ([sandiegozoo.org](http://sandiegozoo.org)) many programs for all ages including:

Conservation Corps, a conservation action and advocacy program. It focuses on gaining conservation knowledge and developing presentation skills to share this knowledge with Park visitors. Students who submit applications and teacher recommendations will be considered, and those selected will be interviewed. After a two-day training program, Interpretation Days and Action Project Days will be scheduled. Commitment after training is one Saturday (interpretation day) and one Sunday (action day) each month for three months. After training, Conservation Corps members participate in projects and

programs 13 hours per month for three months. Program fee is \$150; scholarships are available. Two sessions are held each year: one in the spring and one in the fall.

AAUW recently joined an exciting group of STEM collaborators who are developing interactive online science and math activities. Funded by the National Science Foundation, it features downloadable lesson plans, field trip projects, how-to videos, games, and thousands of other hands-on activities. Go to [www.howtosmile.org](http://www.howtosmile.org).

Also, check your local college, university or community college for science/math/technology-related activities for kids. Some have College for Kids. Many museums/aquariums also have summer programs. Also, do an Internet search for science camps in your area; new ones open up all the time. And, as always, your children's teachers and school counselors will have ideas.

#### Book Suggestions

Math books by Danica McKellar are excellent resource for girls, teachers, and parents. They are geared for girls in elementary school and pre-algebra, and algebra. She may have one in geometry soon. I browsed them and thought the lesson and the delivery of the lesson was excellent. Again, it is an approach that actively engages a girls mind. Abstract ideas become everyday problems that can be analyzed and solved. They also have websites for each book.

- *Math Doesn't Suck* – how to survive middle school math <http://mathdoesntsuck.com/>

- *Kiss my Math* – showing algebra who's boss <http://www.kissmymath.com/>

Hot X – Algebra Exposed! <http://danicamckellar.com/hotx/>