

**“You cannot be what
you cannot see.”**

- Saujani, Indian-American lawyer & politician

Basic suggestions:

- Help your daughter understand how STEM fields relate to her – draw clear connections, identify what steps must be taken to eventually achieve a STEM career; remember the leaky pipeline
- Encourage your daughter to play math games (see suggestions below)
- Do science experiments together (see suggestions below)
- Make STEM fun: visit the California Science Center (free admission, <http://californiasciencecenter.org/>), visit JPL for a free tour (sign up at <https://www.jpl.nasa.gov/events/tours/views/>)
- Encourage social activities related to STEM

Resources

- Implicit Association Test to assess your implicit attitudes toward different social groups, including women: <https://implicit.harvard.edu/implicit/demo>
- National Science Foundation raw data tables: <https://www.nsf.gov/statistics/2017/nsf17310/data.cfm>
- National Girls Collaborative Project: <http://ngcproject.org/about-ngcp> (Pasadena area project at the YWCA called Tech Gyrls is a free 10-week program for girls ages 10-17)
- Online math games: <http://www.mathchimp.com/>
- Home science projects: <https://sciencebob.com/category/experiments/> or <https://sciencebob.com/category/experiments/>
- Check out information available through the University of Southern California WiSE Facebook page: <https://www.facebook.com/USCWiSE>
- “Girls Who Code” computer science clubs: no cost, open to 6th-12th grade girls, typically teach girls basics of computer programming in a social, group setting, multiple sites throughout Los Angeles: <http://girlswhocode.com/clubs/>
- AAUW summer program called “Tech Trek”: details at <http://www.aauw.org/what-we-do/stem-education/tech-trek/>
- Books like “The Only Woman in the Room” or “Women in Science” offer perspective on the experience women may face in STEM fields
- Higher education professional network beginning as early as freshman year of college: <http://www.mentornet.net>