

Girls STEAM Project Talladega County, AL

AAUW advances equity for women and girls through advocacy, education, philanthropy and research.

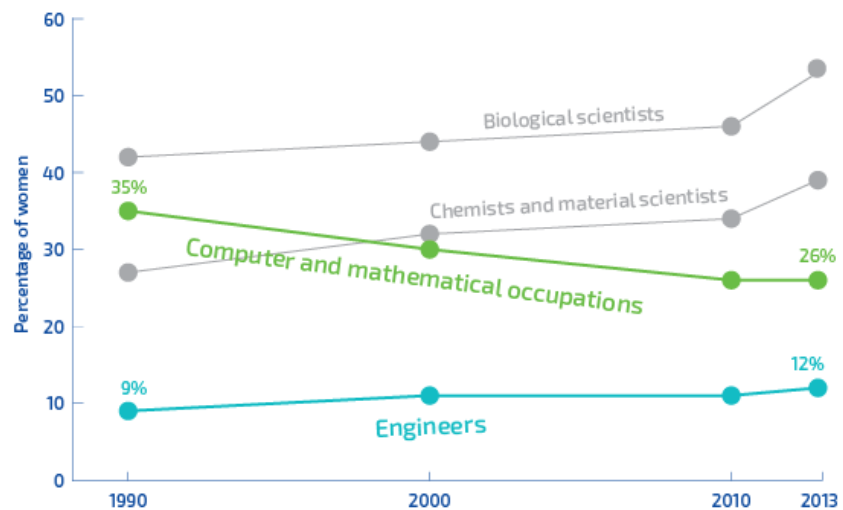
The Girls STEAM Project goal is to help seventh and eighth grade girls in Talladega County expand their horizons in STEM (science, technology, engineering, and math) with an Art component.

Solving the Equation: The Variables for Women's Success in Engineering and Computing (2013) – Part I

More than ever before, girls are studying and excelling in science and mathematics. Yet the dramatic increase in girls' educational achievements in scientific and mathematical subjects has not been matched by similar increases in the representation of women working as engineers and computing professionals. Just 12 percent of engineers are women, and the number of women in computing has fallen from 35 percent in 1990 to just 26 percent today.

The numbers are especially low for Hispanic, African American, and Indian women. Black women make up 1 percent of the engineering workforce and 3 percent of the computing workforce, while Hispanic women hold just 1 percent of jobs in each field. American Indian and Alaska Native women make up just a fraction of a percent of each workforce.

WOMEN IN SELECTED STEM OCCUPATIONS, 1990–2013



The representation of women in engineering and computing matters. Diversity in the workforce contributes to creativity, productivity, and innovation. [Everyone's experiences](#) should inform and guide the direction of engineering and technical innovation.

**Girls STEAM Project
Code & Create
Earle A. Rainwater
Memorial Library
124 9th Avenue SW
Childersburg, AL
Classes - 10/12 & 19**

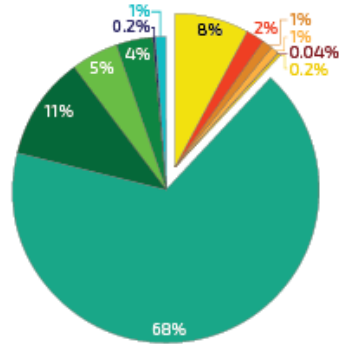
In less than 10 years, the United States will need 1.7 million more engineers and computing professionals. We simply can't afford to ignore the perspectives or the talent of half the population.

Register for classes
with the receptionist
or call 205 249-7788

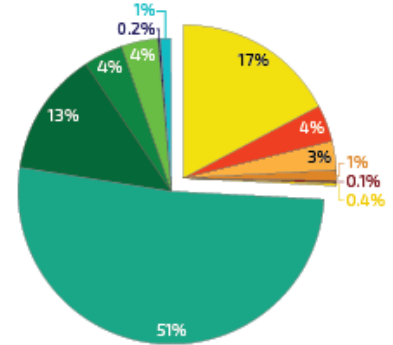
Open to

7th & 8th grade girls

ENGINEERING WORKFORCE, BY GENDER AND RACE/ETHNICITY, 2006-2010



COMPUTING WORKFORCE, BY GENDER AND RACE/ETHNICITY, 2006-2010



- White women
- White men
- Asian and Pacific Islander women
- Asian and Pacific Islander men
- Hispanic women
- Hispanic men
- Black women
- Black men
- American Indian and Alaska Native women
- American Indian and Alaska Native men
- All other women (including two or more races)
- All other men (including two or more races)

(Source: AAUW website, <http://www.aauw.org/research/solving-the-equation/>)

The Girls STEAM Project “Code & Create, will be held at Earle A. Rainwater Memorial Library, 124 9th Avenue SW, Childersburg, AL, 35044, on Thursdays, October 12 and 19, 2017. Register for classes with the library receptionist or call 205 249-7788. Classes are open to 7th & 8th grade girls. The classes are free, but registration is required.

Girls STEAM Project is funded in part by an AAUW Community Action Grant.

