



Science, Technology, Engineering and Math Resources for Maryland Girls

Careers in the sciences, technology, engineering and math (STEM) are some of the fastest growing and most lucrative in the nation. There's plenty of room for talented and well-prepared women in these careers. The programs and resources below can inspire girls to explore their interest in STEM fields and potential careers.

The resources below for girls in STEM are organized into four categories. The first category includes local programs and resources for girls in Maryland. The second contains out-of-state and national programs, including some with chapters in the Maryland area, as well as one online program. The third category includes resources that enable girls to search for opportunities and motivation, and the final list has links to programs in Maryland public schools. The resources are listed in alphabetical order in their respective categories, with hyperlinks to the information pages for each one.

Explore these links to discover resources that can help girls find their interests and paths to prepare for an exciting future.

Programs in Maryland for Girls in STEM

- **The Connectory** - <https://theconnectory.org>
- **Divaneering** - <https://www.facebook.com/Divaneering>
- **Expanding Your Horizons** - <http://www.stevenson.edu/academics/schools/school-sciences/stem-initiatives/expanding-your-horizons/index.html>
- **Exploring Engineering at the University of Maryland** - <http://www.wie.umd.edu/k12/e2atumd>
- **Girl Scouts of Central Maryland STEM Programs** - <http://www.gscm.org>
- **Girls Get Science STEM Summer Camps** - <https://thegreatadventurelab.com>
- **Girls in Technology** - <http://www.womenintechnology.org/girls-in-technology>
- **How Girls Code** - <https://www.howgirlscodes.com>
- **KEYS to Empowering Youth Program** - <http://www.wie.umd.edu/k12/keys-program>
- **Mid-Atlantic Girls Collaborative (MAGiC) Project** - <http://ngcproject.org/collaborative/mid-atlantic-girls-collaborative-magic-project>
- **S.P.I.C.E. Camp** - <http://www.wie.umd.edu/k12/spice-camp>
- **STEM for Her** - <http://www.stemforher.org>
- **Young Women in Bio** - <http://www.womeninbio.org/page/ywib>

National/Out-of-State Programs for Girls in STEM

- **Alice Workshop for Girls** - http://programming4girls.com/about_the_workshop.html
- **ALL GIRLS/ALL MATH** - <http://www.math.unl.edu/programs/agam>
- **Aspire2Inspire (Online Programs)** - <http://women.nasa.gov/a2i>
- **Black Girls Code (DC Chapter)** - <http://www.blackgirlscodes.com>
- **CompuGirls** - <https://cgest.asu.edu/computergirls>
- **Cornell University CURIE Academy** - <https://sites.coecis.cornell.edu/curieacademy>
- **C-Tech2** - <http://www.eng.vt.edu/ctech2>
- **Expanding Your Horizons Network** - <http://www.eyhn.org>
- **GAMES Camp** - <http://wie.engineering.illinois.edu/k-12-programs-resources/gameswyse-camp>
- **Girl Develop It** - <https://www.girldevelopit.com>
- **Girlgeneering – University of Texas** - <https://www.uta.edu/engineering/community/summer/engineering-camps/girlgeneering.php>
- **Girls' Angle** - <http://www.girlsangle.org/index.html>
- **Girls Inc. Operation SMART** - <https://girlsincdc.org/programs>
- **Girls RISEnet** - <http://girlsrisenet.org>
- **Girlstart** - <http://www.girlstart.org/our-programs>
- **Girls Who Code** - <http://girlswhocode.com>



Science, Technology, Engineering and Math Resources for Maryland Girls

National/Out-of-State Programs for Girls in STEM

- **G.R.A.D.E. Camp – University of Houston**
<https://www.egr.uh.edu/grade/about>
- **Hi-GEAR (Girls Engineering Abilities Realized) Camp -**
<http://www.coe.utah.edu/summercamps>
- **IGNITE -** <http://www.igniteworldwide.org>
- **Latinas in STEM K-12 Student and Parent Outreach -**
<http://www.latinasinstem.com/k-12-outreach.html>
- **Saturday Academy: Girls Engage Technology –**
<https://www.saturdayacademy.org/GET>
- **Science Club for Girls -**
<http://www.scienceclubforgirls.org>
- **Science: It's a Girl Thing – Texas Tech University**
http://www.depts.ttu.edu/diversity/ideal/science_girl_thing.php
- **Techbridge Girls -** <http://techbridgegirls.org>
- **Women Engineers at The University of Texas at Austin (WEatUT) -**
<http://www.engr.utexas.edu/wep/k12/weatut>
- **Women in Engineering and Applied Science Summer Camp – University of Cincinnati**
http://ceas.uc.edu/future_students/Activities/Summer_Camps/women_in_engineeringandappliedsciencesummercamp.html
- **Young Women in Computing – New Mexico State University -** <https://ywic.nmsu.edu>

Additional Resources for Girls in STEM

- **CanTEEN Career Exploration -**
<http://carnegiestemgirls.org>
- **EngineerGirl -** <http://www.engineergirl.org>
- **FabFems -** <http://www.fabfems.org>
- **NASA Women of Stem -**
<https://www.nasa.gov/education/womenstem>
- **Pretty Brainy -** <https://prettybrainy.com>
- **Zoey's Room -** <http://www.zoeyroom.com>

STEM Education in Maryland

- **Maryland State Department of Education STEM -**
<http://archives.marylandpublicschools.org/stem/index.html>