

STEM Career Exploration Badges for Brownies, Juniors & Cadettes

Supplemental resource guide for adults supporting Girl Scouts' badge work.



The new STEM Career Exploration Badges open up the world of STEM to young girls. Learn how your current interests and skills align with STEM in ways you might not even know! Learn how STEM careers make the world a better place by helping others and the environment.

Girls explore their career interests in STEM fields such as computer science, nature/environmental science, engineering, design, health, and agriculture. We are excited to launch these new STEM badges and have some wonderful options for you!

As your Girl Scout(s) begin the new STEM Career Exploration Badges for her/their grade level, you should first access the badge requirements through the badge booklet or the Volunteer Toolkit (VTK).

We created this supplemental guide for troop leaders and caregivers to have easy access to resources we have reviewed and highly recommend. We want to highlight both the continuity and the progression written into the new STEM Career Exploration Badges' series. Remember, this supplemental list of recommended resources should not be considered a substitute for the full badge requirements found in the Volunteer Toolkit (VTK) or badge booklet.

RESOURCES (listed in order of recommendation)

1. Your world: We first recommend you look within your troop and community for professional women who can help girls with step 3 of the badge. Ask your parents if they know anyone in their circles that have the careers your girls are interested in hearing from. Talk to your Service Unit as well to see if anyone can assist. Then, invite those professionals to join your troop meeting for 30 minutes for Q+A.

2. GSUSA Badge Activities: Explore the Future

Find out how a career in STEM can help you change the world. You will complete a challenge and discover jobs in six different STEM fields. Girl Scouts has made free [self-guided activities](#) for *all badge steps* from select new and existing programming available digitally to the public through Girl Scouts at Home, keeping families engaged and connected to their communities.

- [Brownie Badge Activities](#)
- [Junior Badge Activities](#)
- [Cadette Badge Activities](#)

3. GSUSA pre-recorded videos with awesome STEM ladies (great for Step 3 of the badge):

Special Event: [Find Your STEM Spark](#) (Grades 2–5)

Actor Miranda Cosgrove, host of Mission Unstoppable on CBS, will introduce you to two superstars from the world of STEM, who tell you about what they do and help you explore some outside-the-box STEM careers, like bug scientist, video game designer—and even fashion designer!

Special Event: [Invent Your Future with STEM](#) (Grades 6–8)

Get inspired to pursue a career in science, technology, engineering, and math (STEM) by a panel of superstar women—an aerospace engineer, a climate scientist, and a software engineer—who are on the cutting edge of their fields.

4. [IF/THEN](#) has numerous videos and STEM Ambassador information just for Girl Scouts! Play around and find women who interest your troop. This is a great resource for Step 3 of the badge.

5. There are **additional resources** at [FabFems](#) or [watch a surgery](#) if you're still curious for potential ideas for Step 3 of the badge.

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Good luck on your STEM Career Exploration!