

STEM Fair 2027 Guidelines



Engineering a Brighter Future!

Bring your ideas to life at the 2027 STEMMapalooza STEM Fair!

Your project could be an experiment, invention, model, presentation, demonstration, or hands-on activity.

WHO CAN PARTICIPATE?

All Girl Scout levels are welcome, from Daisies through Ambassadors!

You can participate:

- On your own
- With a small group
- As a troop

Each project must have at least one registered adult volunteer present at the STEM Fair.

HOW DOES IT WORK?

1. Choose a problem, question, or STEM idea you want to explore.
2. Apply to participate in the STEM Fair.
3. Explore & Create by planning, building, testing, or investigating your idea.
4. Share your project and what you discovered at STEMMapalooza!

Your project does not have to be huge!

A great STEM project can start with one simple question:

“What could I change, build, improve, or invent to make the future brighter?”

Requirements & Deadlines

Project Requirements:



- Open to GSWCF Girl Scouts from Daisy through Ambassador
- Projects may be completed individually, with a small group, or as a troop
- Choose a Presentation, Demonstration, or Hands-On Activity
- Each project or group must have at least one registered Girl Scout adult volunteer
- Projects and activities must follow applicable Girl Scout safety guidelines
- Participants must complete each step by the listed deadline

Important Dates:

Application Deadline	Monday, March 1, 2027	Submission of project proposals closes
Final Submission	Sunday, April 1, 2027	Deadline for completed project submissions
Event Day	Saturday, April 10 th , 2027	STEM Fair at STEMapalooza

Engineering a Brighter Future

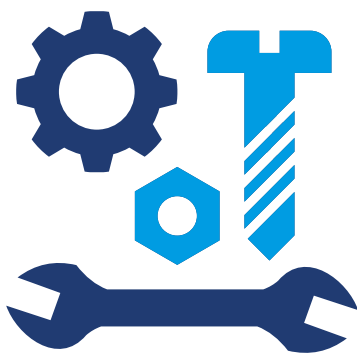
What does a brighter future look like to you?

Engineers and scientists solve problems every day. They ask questions, imagine new possibilities, test ideas, and keep improving their designs.

For the 2027 STEM Fair, we want you to think about how STEM could make our world better, safer, healthier, stronger, or more sustainable.

Need an idea? Ask yourself:

- What problem would I like to solve?
- Is there something in everyday life I could make easier or better?
- How could STEM help people or animals?
- How could we protect our environment?
- What could the future of transportation, technology, energy, medicine, or space look like?
- What is something I've always wondered how it works?



There is no one “right” project!

Your idea can be big or small. You don't have to invent something that has never existed before. You can explore, test, improve, build, investigate, or teach something that interests you!

Choose Your Project Type

Three Ways to Share Your Idea:

There are three ways to share your STEM idea. Choose the one that works best for your project!

Presentation

Tell us what you discovered. Create a display that helps others understand your topic or project.

Examples:

- Poster or display board
- Digital presentation
- Video or storyboard
- Model with written information

Demonstration

Demonstrate an experiment, process, model, invention, or design and explain how it works.

Examples:

- Perform an experiment
- Demonstrate a model
- Show how something works
- Walk visitors through your design process

Hands-on

Create a simple STEM activity that STEMMapalooza visitors can do with you.

Examples:

- Build something
- Try an experiment
- Test a design
- Complete a STEM challenge



Not sure which one to choose? That's okay!

Pick the option that best helps you share what you learned. We can help you determine the best fit after you apply.

Details & Logistics

The STEM Fair is part of STEMapalooza 2027, GSWCF is expecting 1,500 to 1,800 participants from across Girl Scouts of West Central Florida and beyond!

Below is more information regarding logistics from all project types:

Free Event Entry for Participants:

- Each approved STEM Fair submission includes free general admission tickets into the event for all Girl Scouts in the participating group plus two adult volunteer admissions.

Project Setup:

- Each project will have an 8-foot table and two chairs for setup.
- If you need electricity, please let us know when you submit your project's final details.
- Please plan to arrive between 8 and 9 a.m. for setup.

Adult Supervision:

- All participants must have Girl Scout adult volunteers present during the event.

Materials and Guidelines:

- Bring all materials needed for your display, demonstration, or activity.
- Avoid messy or hazardous materials to ensure a safe and clean environment.
- No live animals are permitted as part of project demonstrations or displays.
- No tables are to be left unattended, GSWCF is not liable for any damaged or missing materials.

Event Day Details:

- Participants will receive setup instructions, event logistics, and other important day-of details in advance.

Ready to Apply?

Before you begin, think about:

Who is participating?

- Just me
- A small group
- My troop

What type of project will you share?

- Presentation
- Demonstration
- Hands-On Activity

What is your project idea?

Be ready to briefly tell us:

- What you want to explore, build, test, or teach
- How your idea connects to STEM and the 2027 theme, Engineering a Brighter Future
- What visitors will see or do
- Whether you may need electricity or other special accommodations

Ready to Engineer a Brighter Future?

Scan to submit your STEM Fair application.



Still figuring out your idea? Apply anyway!

Your project does not need to be fully planned yet. Just tell us what interests you and what you'd like to explore, build, test, or learn more about.

After you apply, we'll check in to see how your idea is developing, answer questions, and help if you need support along the way.