



Your girl's troop just completed the **THINK LIKE A CITIZEN SCIENTIST Journey!**

Did You Know?

Women represent fewer than one in three scientific researchers in the world — which means that when scientific projects are designed and data is analyzed, it's most often done without the benefit of a woman's perspective.

Citizen science is a way for everyday people — like your girl! — to participate in and help professional scientists advance research by collecting or analyzing data and sharing observations. Having your Girl Scout participate in citizen science helps level the playing field for girls in STEM and ensures she'll have the scientific skills and curiosity to go far in the future.

Besides getting a cool new award she can add to her vest or sash, your daughter also gained a ton of hands-on skill-building and leadership experience. She collaborated with the group to:

- Understand the scientific method and how it's used to solve problems
- Collect and analyze original data to create a field guides
- Contribute data to a citizen science project, helping a professional scientist with their research

Finally, she used these new skills to complete a **Take Action Project** with her troop, making a sustainable improvement in her community. If she was excited about this project, encourage her to take it a step further to become a **Silver Award Girl Scout!**

Help Her Lead at Home

TALK Go over the Girl Scout Law with your girl, and discuss which parts apply to conducting scientific research. Is it important to be honest and fair? Why or why not? What about using resources wisely or making the world a better place?

DO Show your girl just how broad the world of science can be. Have her pick any topic she's interested in—perhaps music, ice cream, basketball, or pets — then hop online to scistarter.org to see if there's a related citizen science project she can get involved with!



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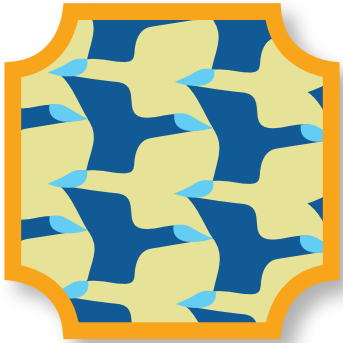
- Understand the scientific method and how it's used to solve problems
- Explore different sources of data used in science
- Create ways to test a hypothesis or idea
- Contribute data to a citizen science project, helping a professional scientist with their research

Finally, she used these new skills to complete a **Take Action Project** with her troop, making a sustainable improvement in her community. If she was excited about this project, encourage her to take it a step further to become a **Gold Award Girl Scout!**

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- Understand the scientific method and how it's used to solve problems
- Collect and analyze original data
- Understand the value of collecting data and measurements more than once to ensure all information and observations are reliable
- Contribute data to a citizen science project, helping a professional scientist with their research

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