

Daisy–Junior Journey Guide

Outdoor STEM

Think Like a Citizen Scientist

1. The Purpose of Think Like a Citizen Scientist

i Citizen Science is a way for everyday people to be a part of research. With the help of the community, scientists can do studies quickly with shared information. This Journey encourages you to *Think Like a Citizen Scientist* by doing research and sharing it with the scientific community.

2. Take Action Project

i To complete *Think Like a Citizen Scientist*, finish the Journey using Volunteer Tool-Kit (VTK) and earn the Think Like a Citizen Scientist and Take Action awards.

NOTE to adults—A take action project is something your girl should plan and lead. It doesn't have to be big. It's important she discover her world. What does she see? What does she want to change? How can she take steps to help make those changes?

Let the scientific fun begin.

Examples:

- Learning about the migration patterns of animals and share it with your class.
- Create a poster showing rain levels in different parts of your city.
- Collect data on which animals show up at a local pond depending on the weather. Talk to others about what you discovered.

3. Citizen Scientist and Take Action Awards

i Throughout the Journey you will earn the Think Like a Citizen Scientist and Take Action awards.

- **Think Like a Citizen Scientist:** Learn how scientists make discoveries and how they connect with their community and share information.
- **Take Action:** Lead and complete a take action project that will positively impact your community!

4. Field Trips

i It's time to discover and connect with the world around you.

NOTE to adults— Help widen her world and broaden her sense of community. Prioritize taking trips to places that can further your girl's understanding of the field she has chosen to take action in.

Examples:

- Go to a local weather station.
- Visit a museum.
- Check out hiking trails in your area.

5. Think Like a Citizen Scientist Ending

i You did it! You finished the Journey. You earned the Think Like a Citizen Scientist and Take Action awards. You are a citizen scientist. Take time to celebrate and share what you learned. Congratulations.