

# November Challenge

## GIRL SCOUT CLIMATE CHAMPION

**Date: November 1-31**

Climate change has far-reaching effects on our planet. Carbon and other greenhouse gases trap heat in the atmosphere, causing hotter summers and warmer winters. Glaciers are melting, changing beaches and shorelines. Animals and plants are losing their habitats. Weather is more extreme with droughts, hurricanes, and blizzards. As climate change affects our planet, it's up to us to do what we can to protect our Earth. Become a climate advocate by taking the Girl Scout Climate Champion Challenge, and for even more activities visit [gsbadgerland.org](https://gsbadgerland.org) and click "Activities" to see details on all these outings.



### HOW TO EARN THE PATCH:

**FIRST:** Complete this required activity for all ages

\_\_\_ Log into SciStarter to select a Climate Challenge citizen science project and do the steps to complete the project (Specific projects are available at <https://scistarter.org/girlscout-climatechallenge>).

**SECOND:** Spend the month working to meet the challenge by completing the additional minimum number of activities for your age level

DAISY	BROWNIE	JUNIOR	CADETTE	SENIOR/AMBASSADOR
3	5	7	9	10

- \_\_\_ Observe the weather to compare changes over 4 weeks
- \_\_\_ Learn the steps of the scientific method
- \_\_\_ Use the scientific method to sketch observations
- \_\_\_ Map examples of erosion in your community
- \_\_\_ Learn about local issues at a water facility
- \_\_\_ Learn how climate change is impacting bees
- \_\_\_ Investigate climate laws and policies
- \_\_\_ Watch a movie or documentary about climate activists
- \_\_\_ Interview a farmer about climate change's impact on our food supply
- \_\_\_ Talk to a local climate scientist, organizer, or official about climate change
- \_\_\_ Take 4 steps to reduce your household's carbon footprint

- \_\_\_ Take field notes about your environment
- \_\_\_ Explore habitats then build a home for bugs or animals
- \_\_\_ Study how trees and the climate relate
- \_\_\_ Learn about invasive plants and help remove them from your community
- \_\_\_ Explore the land, air, water, and biodiversity in a garden
- \_\_\_ Research 4 environmental groups and compare them
- \_\_\_ Share your SciStarter project with your community
- \_\_\_ Select a second SciStarter project to complete
- \_\_\_ Invite and encourage 2 others to complete the same SciStarter project together