



# Climate Change Patch Program

## Making a Difference

This patch will inform, develop skills and create leaders in the generation of girls that will be most impacted by the effects of climate change. This patch may be earned by Girl Scouts at all levels. Girls must complete at least one activity from each of the Discover, Connect, and Take Action sections.

# Climate Change Patch Program

To earn the Climate Change patch, please complete at least one activity from each of the three sections below.

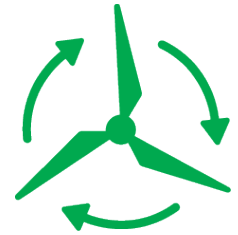
## DISCOVER



- Research local sources of climate changing pollution. This could be a nearby power plant, it could be cars, it could be nearby businesses that use a great deal of electricity. More than likely it will be a combination of all of these.
- Research local impacts of climate change. Answer the following questions.
  - In what ways are the plants and animals in your community be negatively affected by weather changes?
  - What are the possible impacts to your local economy from extreme weather change?
  - How are local areas such as parks, ponds, low-lying areas, endangered plants or animals being impacted by current weather changes?
- Calculate your household carbon footprint. Climate Solutions has tools to calculate and track your use – [WeRenew](#).
  - Create an account (*If you are 12 years old or younger, please ask a parent or caretaker to create the account for you and provide you access.*)
  - Click on **Complete Energy Profile** and work with your parents/caretaker to complete the questions.
  - Discover your impact on the Starting Impact section of your dashboard
    - Notice the different size of basic household carbon footprints per person in the U.S. and other countries
- Read the Learning Actions on the [WeRenew](#) site. From the dashboard, go to **Find Actions**, and -- under the **Community & Info** category, do the following:
  - Read [Climate Change 101 - What & How](#)
  - Read [Climate Change 101 - Timeline & Impacts](#)
  - Find information on local climate impacts predicted in your area, check with your city or county for climate reports.



- Make a list of the types of jobs created by clean energy and energy efficiencies. These might include solar panel installers, energy efficiency auditors or sustainable investors. Try to list at least 10 different jobs.
  - Visit [Step 3 of your WeRenew Action Plan](#) to see how the solutions to Climate Change can help create more U.S. and local jobs.



- Research eating local. Eating local has benefits of supporting local farmers and the local community. It has more benefits if it is organic and helps to support climate friendly agricultural practices. Agricultural practices can either contribute to climate change or help mitigate it depending on practices used. Visit [Eat Lower Down The Carbon Chain](#) to see how food choices make a huge difference on climate change.
- Check out NASA Climate and Kids page at – <http://climatekids.nasa.gov/menu/weather-and-climate/>. Read through (or play) four different sections. (An example of a section would be “How do we know the climate is changing?”)

## CONNECT



- Visit a National Park; learn about the environmental impacts being experienced by climate changes. Find examples of things that will be impacted by climate change. This could be to visit and document a sensitive area in the park or it might be to track and observe potentially impacted wildlife like the pika. Document your findings with drawings, photographs or journal entries.
- Write a letter to someone who is in a different part of the world, describing the potential impacts of climate change in California and find out about their local impacts from them. You can write a letter to an imaginary pen pal too.
- Interview or shadow someone who works in clean energy to learn about their job. Pick a job that interests you.
- Invite your family to have a family meeting to explore the actions you can do together to make a difference.
  - Visit [WeRenew](#) to explore different actions that can be taken.
- Talk with others girl scouts in your troop and share what you learned by completing your energy profile at [WeRenew](#).
  - Invite troop members to also create a profile and join your team
- Connect with a local group (service group, senior group, interest group or club), teacher or city government and work with them to use the [WeRenew](#) site to calculate their carbon footprint and learn about actions.



# TAKE ACTION



- Explore the Actions on the [WeRenew](#) site and complete 3 actions including the “Learn About Solutions” Action (Community & Info category) then complete one of the following:
  - Talk to your school about their energy use and work with them to find ways to reduce it. Suggest possible actions.
  - Talk to a state representative or senator about your concern regarding climate change and ask what they are doing to prevent it. Suggest additional things they can do.
  - Make a presentation for at least 5 other people, this could be elected officials, or your class or others, focus on the solutions to climate change and how we can solve climate change and also save money, improve our health and create jobs. (Take credit on the “Talk About Solutions” action).
  - Share tips on reducing car travel with your friends and organize to either ride your bikes or carpool to a regular destination that parents would normally drive you. Do this for two weeks. If you plan to keep doing this, take credit on the “Bike” or “Carpool” actions on the [WeRenew](#) site.
- Pick one public policy or law that you think should change in order to address climate change. Organize friends and family members to write an email to the elected official who can change that policy. Try to get 10 other people to send an email.



Once you complete the curriculum, please purchase your patch through [Doubleknot](#).