



GIRL SCOUTS OF NORTHERN CALIFORNIA

THE GOLDMAN ENVIRONMENTAL PRIZE PATCH PROGRAM
GS NORCAL COUNCIL'S OWN PATCH PROGRAM

BROWNIES, JUNIORS, CADETTES,
SENIORS & AMBASSADORS

TO EDUCATE GIRLS ON THE GOLDMAN ENVIRONMENTAL
PRIZE AND THE IMPACT EVERYDAY ACTIONS CAN MAKE
IN THE GRASSROOTS ENVIRONMENTAL MOVEMENT



This patch is dedicated the memory of Rhoda Goldman (1924 - 1996) and to
Richard N. Goldman for his lifelong dedication to the environment.



Girl Scouts Save the Bay

“The Goldman Environmental Prize recipients represent the best of who we are –
organizers who remind us through their tireless dedication that one person truly can make a difference,
no matter how insurmountable the odds.”

– Former Vice President Al Gore

BACKGROUND

Richard and his late wife Rhoda Goldman fostered their love of nature through their childhood experiences; hiking and camping with their families, and with Boy Scouts and Girl Scouts. In 2009, the world celebrates the 20th Goldman Environmental Prize, recognizing everyday heroes who take action in their communities to make the world a better place. Richard Goldman himself is an everyday hero to us.

In 2005, Richard Goldman shared Girl Scouts' vision of a "bold audacious" idea - and helped launch Girl Scouts Save the Bay, connecting girls with nature and building the next generation of environmental stewards. This patch is dedicated to the memory of his wife and to his lifelong dedication to the environment. Thank you, Richard Goldman for everything you have shared with Girl Scouts!

ORDER INFORMATION

To order the Goldman Environmental Prize Patch Program, please visit www.girlscoutsnorcal.org and purchase the items online. Please note that shipping and handling will be added to all online orders.

Members of Girl Scouts of Northern California will not be charged for shipping and handling if they use the GS NorCal Council's Own Order Form and have badges shipped to the closest GS NorCal store in their area for members to pick up.

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GOLDMAN ENVIRONMENTAL PRIZE PATCH PROGRAM

The Goldman Environmental Prize Patch Requirements

Girl Scout Brownies must complete 4 requirements, including the 2 ** activities.

Girl Scout Juniors must complete 5 requirements, including the 2 ** activities.

Girl Scout Cadettes must complete 6 requirements. Choose 2 of the requirements labeled by **R.H.O.D.A.** (**R**esearch, **H**abitat, **O**bserve, **D**iscover, **A**ction) plus any other 4 requirements.

Girl Scout Seniors & Ambassadors must complete 7 requirements. Choose 2 of the requirements labeled by **R.H.O.D.A.** (**R**esearch, **H**abitat, **O**bserve, **D**iscover, **A**ction) plus any other 5 requirements.

Discover

1. ** What is the Goldman Environmental Prize? Why is it important to the grassroots environmental movement? Discuss with your troop the importance of the Goldman Environmental Prize and its impact on the grassroots environmental movement.
2. ** Research one past recipient of the Goldman Environmental Prize that you find interesting. Make a collage representing the cause of this person and present it to your troop or family explaining their contribution to environmental awareness and why you feel it is important.
3. **R**esearch (Older Girls Only) – What is the Goldman Environmental Prize? Why is it important to the grassroots environmental movement? Research past recipients of the Goldman Environmental Prize and pick one person from each continent and report to your troop on their contribution to environmental awareness and why you feel it is important.
4. Select an environmental issue that has a global affect or global impact. There are many issues that affect us globally such as water quality, global warming, access to food, plastics in the ocean, sanitation, decline of honey bees, etc. Research how one of these issues is affecting the world around us and what people in your local community are doing to help with these issues.
5. From what you have learned from the winners of the Goldman Environmental Prize, if you were going to be an environmental advocate when you grow up, what type of advocate would you be and why? Create a mural on your future profession and share it with your troop or family.
6. Explore the world of marine life which encompasses the plants, animals and other organisms that live in the ocean. Research endangered marine life in your area. Pick one and research why the marine life is endangered and share with your troop or family how they can help to protect it.
7. Learn a song about protecting the environment and sing it at an upcoming event, bridging ceremony, meeting, etc.
8. The world is getting greener! Researchers are working towards developing new forms of renewable energy. Select five examples of how we are becoming greener and how this is reducing global warming. How can you adjust your lifestyle to use new forms of renewable energy? Then share what you have learned with your family and troop.

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9. **Discover** - Safe drinking water and proper sanitation is crucial for the preservation of human life. According to research compiled by the World Health Organization in 2002 (http://www.who.int/water_sanitation_health/factsfigures2005.pdf), 1.1 billion people (17% of the world's population) do not have access to safe drinking water and 2.6 billion people (42% of the world's population) lack adequate sanitation. Pick one underdeveloped country and compare water and sanitation practices to that of the United States. Present your findings to your troop or family. What have you learned from this research?

Connect

1. Visit a local conservation center (aquarium, science academy or nature center) in your area. Share your experience with a friend.
2. Imagine you are the editor of a newspaper. Write a newspaper story describing what amazing journeys a past recipient of the Goldman Environmental Prize has accomplished since receiving their award. For example, have they won the Nobel Peace Prize, become Minister of the Environment, chosen by Time Magazine as Heroes of the Environment? Share your article with your troop or family.
3. Visit a local institution in nature (Audubon Society, Aquarium, Science Institute, Maritime Museum, etc) to find out more about people who work in these fields, what they are preserving or protecting, and how you can help. Collect materials from this institution to bring back to your troop and community. Using the collected information, help others learn how they can protect the world around them.
4. Over the course of a week, collect all junk mail delivered to your household. Stack the junk mail in a pile and measure it at the end of the week. Multiply that measurement by the number of weeks in a year and determine how many trees were used to send the junk mail, and check out www.rainforestmaker.org/rain/php/calculator.php. Make a craft project with the junk mail that is collected. For example, newspaper beads, a cardboard city, placemats, bracelets, etc. Check online for cool recycled projects.
5. Create an environmental scrapbook by choosing interesting magazine and newspaper articles, pictures, facts, and figures about the environment then share your scrapbook with your family and friends. Have fun and get creative!
6. **Habitat** - Your daily actions at home impact the world around us, from turning on a light, driving a car, to leaving a phone charger plugged in all the time. It is estimated that an average American uses 44,974 lbs of CO₂ per year. By determining your carbon footprint you can help reduce the affects of global warming. Research what a carbon footprint is and why it is important to understand your carbon footprint. Determine your carbon footprint with a carbon footprint calculator (one resource is http://www.3degreesinc.com/carbon_calculator/). Research and participate in ways you can reduce your carbon footprint. Share with your family and friends what you have learned and how they can make a difference.
7. Take an inventory of your household and make note of all non-recyclable items that are in use. Once complete, create another list of how you can replace those items with ones that do not need replacing or are made with recycled products (i.g. plastic water bottles replaced with aluminum/stainless steel bottle OR plastic baggies replaced with glass containers or Tupperware).
8. The world around us is becoming more aware of their impact on the environment. Research businesses and communities that are becoming sustainable by using natural and renewable materials such as solar panels, straw-bale hay insulation, and recycled glass counters, to name just a few. Select a material, research how it is manufactured, distributed and used. Can you spot any of these in your community?

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Take Action

1. Take the research on the environmental prize winners and create a presentation that will inform others about their work. Take your presentation to a Service Unit Leader meeting, event, parent meeting, etc and ask at the leader meeting where else you can spread the word about the Environmental Prize in your community.
2. **Action:** Organize a watershed work day party! On a fall or summer day, gather friends and family for this event. Ask everyone to bring their own supplies including gloves, boots, and biodegradable bags and snacks. Choose a section of your local lake, creek, river, bay, or ocean to clean up and offer a prize for the most unusual piece of trash found.
3. **Observe** - Obtain a water testing kit and go to your local lake, creek, river, bay, ocean, and perform a water test. Revisit this location every two weeks for the next two months and assess how the water composition has changed. Keep a journal of the water level, any waste that is present at the site and the weather conditions on the day of your visits. What were the results of your testing? Share with others what you have learned.
4. A lot of garbage we produce is hauled to landfills or recycling centers but not every piece makes it to the proper disposal center. Litter and pollution have a big impact on local neighborhoods. Take a walk with your troop for 20-30 minutes in your neighborhood. Examine the amount of waste and pollution in your neighborhood. Discuss with your group what types of waste and pollution were discovered and ways you can help clean it up. At your next two meetings, go outside and participate in a trash pick up in your local neighborhood.
5. Trees provide shade and habitat. The more trees we plant the healthier the environment will be. Contact a local tree planting organization (for example, California Releaf, <http://californiareleaf.org/>) and coordinate a time when your troop can participate in a tree planting project in your area.
6. Plastics are one of the largest polluters in the land and sea. Plastic bags, in particular, are reported to take from 500-1,000 years to completely degrade and when they do, they mix with our environment and create a toxic place for our ocean and land creatures. One way you can reduce this effect is to carry your own reusable bag and decline paper and plastic bags when you are shopping. Research what is being done to help reduce plastic debris. What can you do in your daily life to reduce the amount of plastic you use? Then help bring awareness to this issue by educating others about the problems of plastic debris.
7. There are a number of organizations that protect the rain forests. You can help protect the rain forest by adopting one acre with your troop. Research why is it important to save the rain forest? Research how the organization your troop selected protects the rain forest. Please see the Resources section for a list of organizations to contact for adopting a rain forest.
8. Research an area in your community to create a community garden. Plant a flower, fruit, and vegetable garden. Work as a team to maintain the community garden for 6 months. Research organizations in your area that would benefit from the yield from this garden. Create a plan to distribute the abundance from this garden to one of these organizations.
9. Cosponsor a neighborhood pollution/solution day with a local environmental protection agency, department of sanitation, city hall, school, or another GS troop.
10. Have you ever wondered how much waste you generate from your weekly school lunches? A zero waste lunch is a lunch that generates zero or little waste. Research what is involved to make a zero waste lunch and start by making your lunches zero waste. How can you encourage this habit in other students and families?
11. Create a green team at your school. Find a teacher (science/ environment) who can mentor a green team group at your school. Research ways that your school can change its habits to be greener. From paper use to electricity, you can make a difference! Present your findings to your school Principal.

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RESOURCES

❖ THE GOLDMAN ENVIRONMENTAL PRIZE, www.goldmanprize.org

❖ ADOPT A RAIN FOREST

Adopt a Forest.org, www.adoptforest.org

The Nature Conservancy, http://support.nature.org/site/PageServer?pagename=index_aa

Tropical Rainforests Collation, www.rainforest.org

World Land Trust, www.worldlandtrust.org

❖ GENERAL RESOURCES

3 Degrees, www.3degreesinc.com/carbon_calculator

California Releaf, <http://californiareleaf.org/>

Background on Environmental Issues, www.globalissues.org/issue/168/environmental-issues

National Oceanic and Atmospheric Administration (NOAA) – Endangered marine specie list, www.nmfs.noaa.gov/pr/species/esa/

The Green Energy Council – Ideas on greening, www.greenenergycouncil.com/

Reuse Crafts, <http://crafts.kaboose.com/reusing-materials-make-new-crafts.html>

Sustainable Business, <http://www.sustainablebusiness.com/>

Plastics, http://wiki.answers.com/Q/How_long_does_it_take_for_plastic_bag_to_disintegrate

Zero Waste Lunch, <http://www.ciwmb.ca.gov/Schools/WasteReduce/Food/ZeroWaste.htm>

Green Teams, <http://www.greenschools.net/7StepstoGreenSchool.htm>

❖ ELIMINATE JUNK MAIL

Reduce the amount of junk mail you receive at home by using the following resources to stop the production of junk mail.

To be removed from clearinghouse lists:

A. Go to www.dmaConsumers.org and click on the “Remove my name” box on the left. There is a \$1 fee.

Be sure to include all variations of your name.

B. Sign up with catalogchoice.org. Catalog choice is a free service that lets you decline paper catalogs you no longer wish to receive.

To be removed from ValPak coupons call 1-800-237-6266

To eliminate Credit Card offers:

A. Stop unwanted credit card offers by signing up on www.optoutprescreen.com or call 888-567-8688 to remove your name from their list.

Make a donation by paying someone else to stop the junk mail:

A. 41pounds.org will stop your junk mail for \$41 and donate \$15 back to Cool the Earth or the organization of your choice.

B. Greendimes.com will stop your junk mail for \$36 and plant a tree for you every month as well.

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WATER SONGS

The Water Lies Over the Ocean

(My Bonnie Lies Over the Ocean)

The water lies over the ocean, the water lies under the grounds
Over and over it cycles, from under the sands to the clouds

Chorus:

Water! Water! I want to save water each day—my way!
Water! Water! And here's how I'll start it today!

I'll turn off the water when brushing, I'll take shorter showers at night
I won't flush dead bugs down the toilet; I'll listen for leaks to fix right

Chorus:

Water! Water! I want to save water each day—my way!
Water! Water! And here's how I'll start it today!

I'll shut off the sprinklers in rain storms, I'll turn off the hose when I'm done
I'll watch how much water I'm using, and make saving water real fun!
I'll think of cool ways to save water, and tell all my friends it's not hard
I won't waste a drop of more water, at home or at school or Earth's yard.

Chorus:

I want to save water each day!

Water, Water!

(Kookaburra)

Water water falls from the big blue sky
Helping things to grow that are so dry
Fall water water, fall water water—spill your drops on me!

Water water soaks into the ground
Into the dirt and down down down
Soak water water, soak water water down—into the ground.

Water water mists up to the sky
Makes the clouds all wet while the Earth gets dry
Mist water water, mist water—way up in the sky.

Water water builds up in the sky
Gathers in the clouds where the eagles fly

Rain, water water, rain water water—waiting in the sky.
Water water water everywhere
Water to conserve it 'cause we care
Save water water, save water water—so there's enough to share.