

Water: Part 2

Ambassador Badge





What is the Water Badge?

Girls, find out more about water and reflect on the role water plays in your life and the world.

Step 1: Have fun reflecting on your relationship with water

Step 2: Celebrate water art-and create your own

Step 3: Find out about water issues

Step 4: Explore water solutions

Step 5: Educate and inspire



Step 4: Explore Water Solutions

There are many water issues. Humans have been able to be innovative to find treat, gather, filter, conserve and protect this precious resource.

Choices (do one):

- Explore the world of hydroelectricity – and be an engineer.
- Design your own water innovation.



Step 4: Choice 1

Explore the world of hydroelectricity – and be an engineer.

Dams are sustainable generators of about 20 percent of the world's electric power. Put on your engineer's hat and ask yourself, "What improvement would I make?"

- **New York Power Authority – explore the website. Here are a few links.**
 - <https://www.nypa.gov/power/generation/niagara-power-project>
 - <https://www.nypa.gov/about/timeline>
 - Visiting Niagara Power Vista is free, but they have a lot of resources available for free online, too: <https://www.nypa.gov/communities/visitors-centers/niagara-power-vista>
- Hoover Dam
 - <https://www.usbr.gov/lc/hooverdam/>





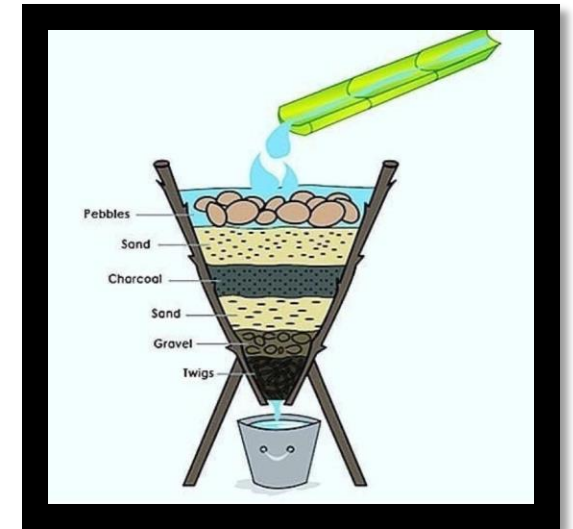
Step 4: Choice 2

Design your own water innovation.

Choose a water issue for which you'd like to create a solution.

Suggestions:

- Create a water policy or legislation you'd like to see enacted
 - How to create a policy
<http://outreach.msu.edu/bpbriefs/issues/brief34.pdf>
 - How to create a legislation
https://legcounsel.house.gov/HOLC/Resources/quick_guide.pdf
- Create a filter to clean water.
 - Camping <https://www.youtube.com/watch?v=tD-Ya2SQk3k&feature=youtu.be>
 - Make your own
<https://www.instructables.com/id/DIY-Water-Filter/>





Step 5: Educate and Inspire

Here's an opportunity to take everything you've learned to: share, educate and enjoy water.

Be sure to use the Girl Scout internet safety pledge.

Choices (do one):

- Celebrate water with younger Girl Scouts (this can be done with a virtual meeting or a younger Girl Scout you live with).
- Share a water issue that matters to you with your community.
- Guide your family to a water place.



Step 5: Choice 1

Celebrate water with younger Girl Scouts.

Be creative in how you celebrate. Create a video, have a Zoom Meeting, or make a Youtube video. You may even want to plan your celebration to be carried out when it's safe to do so. Reach out to GSWNY if you would like to host a "Trefoil TV" by emailing girl.experience@gswny.org and letting us know your idea!

Suggestions:

- Guide a water science experiment and make fun seltzers with Brownies earning their Snack badge.
 - Fun water experiments <https://littlebinsforlittlehands.com/water-science-activities-kids-stem/>
 - Seltzer add-ins <https://homehealthysoda.com/make-sparkling-water-taste-better/>





Step 5: Choice 2

Share a water issue that matters to you with your community.

Suggestions:

- A speech (record and publish)
- Write an article to submit to a local paper or website
- A display; take picture/video to share





Step 5: Choice 3

Guide a group to a water place.

Suggestions:

- Virtual scavenger hunt (be creative)
- Virtual tour of a naval base, commercial fishing boat, ferry barge, coast guard station, marine museum, or lighthouse that create or find online





Ambassador Outdoor Journey

The Ambassador Outdoor Journey consists of three badges: Outdoor Art Master, Water, and Survival Camper. It also includes a Take Action project.

Step One:
Ambassadors
earn the
Outdoor Art
Master
Badge*



Step Two:
Ambassadors
earn the
Water
badge*



Step Three:
Ambassadors
earn the *new*
Survival
Camper
badge



Step Four:
When all three badges are complete, girls plan
and carry out a Take Action project using the
skills they learned, and earn their Take Action
Award which shows they earned their
Outdoor Journey!

