

BROWNIE WONDERS OF WATER (LOVE Water) - MEETING 1

Journey Award Purpose: When girls have earned the LOVE Water award, they will know the value of water and how to conserve it.

Activity Plan Length: 1.5 hours

Time	Activity	Materials Needed
15 minutes	Getting Started <ul style="list-style-type: none"> Girls recite the Girl Scout Promise + Law and sing the Brownie Smile song. 	<input type="checkbox"/> (Optional) Girl Scout Promise and Law poster <input type="checkbox"/> (Optional) Brownie Smile song lyrics poster
10 minutes	Brownies LOVE Water Because... <ul style="list-style-type: none"> Girls talk about their favorite water activities. 	None
15 minutes	Playing with Raindrops <ul style="list-style-type: none"> Girls learn about states of water. 	<input type="checkbox"/> Wax paper <input type="checkbox"/> Spray bottle <input type="checkbox"/> Water <input type="checkbox"/> Plastic drinking straws <input type="checkbox"/> Paper towels <input type="checkbox"/> (Optional) Plastic trays
15 minutes	Snack Chat <ul style="list-style-type: none"> Girls enjoy a healthy snack while talking about the water cycle. 	<input type="checkbox"/> Healthy snack
15 minutes	Water Conservation Charades <ul style="list-style-type: none"> Girls teach each other about water conservation. 	<input type="checkbox"/> "Water Conservation Charades" cards <input type="checkbox"/> Stop watch <input type="checkbox"/> Paper water droplets (1 per girl)
15 minutes	Wrapping Up	<input type="checkbox"/> (Optional) Make New Friends song lyrics poster

Getting Started

Time: 15 minutes

Materials Needed: (Optional) Girl Scout Promise and Law poster and (optional) Brownie Smile song lyrics poster

Welcome everyone to the meeting, recite the Girl Scout Promise and Law, and sing the Brownie Smile song.



Activity #1: Brownies LOVE Water Because...

Time: 10 minutes

Award Connection: Session 1 – Opening Ceremony: Favorite Water Activities

Materials Needed: None

1. Have everyone stand in a circle. If you have a large group, have them split into smaller groups to save time.
2. Have girls start by saying, “My name is _____ and I love water because...” As each girl finishes the sentence, have her perform an action showing why she loves water.
 - E.g. “My name is Pam and I love water because I can go swimming” and make a swimming action.
3. Have the next person in the line repeat what the first girl said, with the actions, and then add their own description and action.
 - E.g. “Her name is Pam and she loves water because she can go swimming” and make a swimming motion, “My name is Jenny and I love water because I can drink cold lemonade on a hot day” and pretend to drink from a straw.
4. Continue around the circle. By the time you get all the way around the circle, you will likely have the help girls remember some of the things said.
5. As a group, repeat all the reasons the girls love water with the actions.

Activity #2: Playing with Raindrops

Time: 15 minutes

Award Connection: Session 2 – Option: States of Water Station

Materials Needed: Wax paper; spray bottle; water; plastic drinking straws; paper towels; (optional) plastic trays

Prep Needed:

- Fill spray bottles with water.
- Cut a 1' x 1' square of wax paper for each girl.

1. Give each girl a square of wax paper and a straw.
2. Spray each girl's sheet of wax paper with a spray of water.
3. Have the girls move their water droplets around with the straw. They should notice that the smaller water droplets stick to each other. The more they play with the water, the more likely they are to have fewer, larger droplets. Explain that this is what happens to water droplets in clouds. Eventually they become large enough to fall to the ground as raindrops.

Activity #3: Snack Chat

Time: 15 minutes

Award Connection: Session 2 – “Green” Tea for a Blue Planet: From Hot to Cold and Vapor to Solid

Materials Needed: Healthy snack

While girls are enjoying a healthy snack, here are some things to talk about:

- When water falls from the clouds, it's called precipitation. Do you know of any other types of precipitation besides rain? *Snow, sleet, freezing rain, drizzle, etc.*
- Besides clouds, where else can you find liquid water? *Lakes, rivers, oceans, ponds, streams, etc.*
- What about hidden water? Can anyone think of other places water is hiding? Think about what happens when you drink water or where we get our drinking water. *Water can be found in plants and animals, as well as in the soil and deep underground. When water is below the surface, it is called ground water.*
- What happens to water when it gets very cold? *It freezes into ice.* Where can you find ice on earth? *In snow, in sea ice, also called glaciers, or in ice packs on top of mountains and at the poles.*



- What happens to the puddles after it rains? Does the water stay liquid? *Some water flows into lakes and rivers, but some evaporates into a gas.* Does anyone know what water is called when it becomes a gas? *Water vapors.* Where on earth can we find water vapor? *Everywhere!*
- Does anyone know what it is called when water moves around the earth while turning from water into ice and water vapor and back again? *The water cycle.*

Activity #4: Water Conservation Charades

Time: 20 minutes

Award Connection: Session 1 – Protecting Water: Living the Girl Scout Law and Session 2 – Send it Home: MY Water Promise

Materials Needed: “Water Conservation Charades” cards; stop watch; paper water droplets (one per girl)

Prep Needed:

- Print and cut out the “Water Conservation Charades” cards (at the end of the activity plan).
 - Print and cut out paper water droplets (at the end of the activity plan).
1. Have the girls split into groups of 2-3. Give each group a “Water Conservation Charades” card.
 2. Give the groups about five minutes to come up with a skit that demonstrates the water-saving strategy on their card and explains why it helps save water.
 3. Have each group take turns acting out their skit. Have the girls who are watching guess the water-saving strategy. Give further explanation, if needed.
 4. If time allows, repeat steps 1-3 with different cards.
 5. Have girls pick one way they learned to save water or come up with one of their own. They will each make a promise to do one thing to save water before the next meeting.
 6. Hand out paper water droplets. On the front of the drop, have the girls write one thing they know about water and one thing they love about water. On the back of the drop, have girls write their water conservation promise.

Wrapping Up

Time: 15 minutes

Materials Needed: (Optional) Make New Friends song lyrics poster

Close the meeting by singing Make New Friends and doing a friendship circle.

More to Explore

- Field Trip Ideas:
 - Visit a lake or water park and have fun in the water.
 - Visit a state or national park and learn about what they do to conserve water and keep it clean.
- Speaker Ideas:
 - Invite someone from the Department of Natural Resources, the Freshwater Society, your local watershed district, or your local soil and conservation district to talk about how they protect water.
 - Invite a meteorologist to talk about weather and the water cycle.



Water Conservation Charades Cards

<p>Turn off the water while you're brushing your teeth. Just use the water to rinse the toothbrush and rinse out your mouth.</p> <p>Why: About one gallon of water per minute goes down the drain while you brush.</p>	<p>Fill a pitcher with tap water and keep it in the fridge.</p> <p>Why: If you leave the tap running while you wait for water to get cold, you're letting water go down the drain.</p>
<p>Take a short shower instead of a bath.</p> <p>Why: A fully bathtub is about 40 gallons of water, but a ten-minute shower (with a newer shower head) uses only 25 gallons.</p>	<p>Collect rainwater from your roof to water plants.</p> <p>Why: Rainwater is normally absorbed into the soil, but buildings prevent it from happening. By using this water, you'll use less water from the tap.</p>
<p>Turn off the water while you wash your hands. Wet your hands, turn off the water, scrub with soap, and then turn the water on again to rinse.</p> <p>Why: In the 30 seconds it takes to wash your hands, you save half a gallon of water.</p>	<p>Don't use your toilet as a trash can.</p> <p>Why: Every time you flush your toilet, you use about five gallons of water.</p>
<p>Help your parents check pipes for leaks (under the sink, in the basement, etc.).</p> <p>Why: Even a slow leak can waste up to 2,700 gallons of water in a year and may cause water damage to your home.</p>	<p>Eat less meat and more plants.</p> <p>Why: Plants need water to grow. Animals eat plants that use water AND drink water themselves.</p>
<p>Teach others about water conservation.</p> <p>Why: If you teach two people, and they teach two people, and so on, eventually you'll get the message out to everyone!</p>	<p>Collect water when you're waiting for it to get hot or cold and use it for cooking.</p> <p>Why: You will collect about one gallon per minute of perfectly good water that would have gone down the drain.</p>
<p>Tell your parents if you notice a dripping faucet, so they can get it fixed.</p> <p>Why: Even a slow leak can waste up to 2,700 gallons of water in a year.</p>	



Water Droplets

