



Notes for Leaders

The “**Every Drop Counts**” Patch Program is sponsored by the Long Island Water Conference in conjunction with Girl Scouts of Nassau County, Inc. Its purpose is to teach the importance of water conservation. The challenge is to save as much water as possible in a one-week period. Patches will be given to the first 1,100 participants. Listed below are the activities your troop/group level must complete to earn the patch. Some sections allow the girls to choose from a list of activities. *Please note that adults can assist with calculations.*

An Evaluation Form is included in your packet. Please complete it and bring it to the Girl Scout Shop when picking up your troop/group patches or mail it in to the Information Management Service Center.

DAISY: * Choose **one** activity from Splish Splash
 * Complete the Troop Activity

BROWNIE: * Choose **one** activity from Splish Splash
 * Choose **one** activity from Water Patrol
 * Complete the Troop Activity

JUNIOR: * Choose **one** activity from Splish Splash
 * Choose **one** activity from Water Patrol
 * Complete Water Smarts
 * Choose **one** activity from Water Works
 * Complete the Troop Activity

GIRLS 11-14: * Complete **both** activities from Splish Splash
 * Choose **one** activity from Water Patrol
 * Complete Water Smarts
 * Choose **one** activity from Water Works
 * Complete the Troop Activity

GIRLS 14-17: * Complete **both** Activities from Splish Splash
 * Choose **two** activities from Water Patrol
 * Complete Water Smarts
 * Choose **one** activity from Water Works
 * Complete the Troop Activity

Time Frame - This program is to be completed within A ONE WEEK PERIOD.

Program Links - Participation can help your troop/group *work towards* the following:

Brownie Girl Scout Try-Its Book
Water Everywhere.....page 142

Junior Girl Scout Badge Book
Water Fun.....page 122
Eco-Action.....page 96
Water Wonders.....page 214

Interest Projects for Girls 11-17
Eco-Action.....page 58

Name _____

Troop # _____ Level _____ Association _____



“Every Drop Counts” Patch Program

Sponsored by the Long Island Water Conference in conjunction with Girl Scouts of Nassau County, Inc.

- Complete all activities for your program level. (Adult assistance is permitted.)

I. SPLISH SPLASH: Learn how you can save water!

- a. For one week, turn the water off while brushing your teeth. **Saves 3 gallons of water per brushing.**

___ # of brushings in one week	X	3 gallons saved	=	Total Gallons Saved
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- b. The clock is ticking! Taking a 5 minute shower saves water. Do this each time for one week. **Saves 15 gallons of water per short shower.**

___ # of short showers in one week	X	15 gallons saved	=	Total Gallons Saved
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II. WATER PATROL: Be on the lookout for ways to conserve water in your house!

- a. Waiting until there is enough laundry to make a full load of wash saves water. Put aside small loads, washing only full loads for one week. **Saves 20 gallons of water for each small load held.**

___ # of small loads turned into full loads in a week	X	20 gallons saved	=	Total Gallons Saved
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- b. Changing the dishwasher setting from a long cycle to a short cycle saves water. Do this each time for one week. **Saves 4 gallons per short cycle.**

___ # of short cycles run in a week	X	4 gallons saved	=	Total Gallons Saved
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- c. When hand washing-dishes, use a water-filled sink, without running the faucet. **Saves 25 gallons per sinkful.**

___ # of sinkfuls washed in a week	X	25 gallons saved	=	Total Gallons Saved
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TOTAL # OF GALLONS CONSERVED =

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III. WATER SMARTS: How many ways can you conserve water?

[check at least one task or create your own]

- Water plants with water used to boil vegetables or macaroni.
- Water plants with water removed from the dehumidifier.
- Fill a pitcher with water and place it in the fridge to prevent running the tap for a cold drink.
- I found a way to reuse or save water by _____

IV. WATER WORKS: Learn about water.

- a. Find out where the water supply in your town comes from.
- b. When it rains it pours! Does it? Find out by making a rain gauge. Measure how much rain has fallen by placing a bucket in an open space where it will catch rain. After the storm, record how much rain has fallen by placing a ruler in the bucket to measure the water level.

V. TROOP ACTIVITY: Water is essential to all of us. Spread the word to your community about the importance of water conservation!

- **Daisy, Brownie, Junior Girl Scout** - Create a poster that explains why water is important. Display your work at the troop meeting place, local community center, bank, school or library.
- **Girls 11-17** - Develop a water conservation campaign for your community. Design posters, create conservation tip sheets for distribution or create an activity of your own. Promote your campaign at your local community center, bank, school or library.

WATER FACTS & FIGURES

- Water on earth has been here for millions of years. Water moves from the earth to the air to the earth again in what is called the hydrologic cycle (water cycle), changing from solid to liquid to gas over and over again. The last glass of water you drank may have once been touched by a dinosaur!
- Some 80% of the world is covered by water or ice. Only about 20% is dry land.
- Only 1% of all the earth's water is usable for human needs. The remainder is either salt water or frozen.
- The average adult body is made up 66% water, which is distributed through tissues in the blood, brain, muscles and bones. About 3 quarts of water are lost daily through normal elimination, sweating and breathing.
- When exercising, always drink at least 16 ounces of water before and during the workout to make up for fluids lost through perspiration. Drink a few ounces at a time every 10 to 15 minutes.