



The “**Every Drop Counts**” Patch Program was originally 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.

The activities are divided into 5 sections: SPLISH SPLASH, WATER PATROL, WATER SMARTS, WATER WORKS and TROOP/INDIVIDUAL ACTIVITY. Complete all activities in each section.

## 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.

<input type="text"/>	# of brushings in one week	×	3 gallons saved	=	<input type="text"/>	Total Gallons Saved
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- b. The clock is ticking! Taking a 5 minute shower instead of a 10 minute shower saves water. Do this each time for one week. **Saves up to 15 gallons of water per short shower.**

<input type="text"/>	# of short showers in one week	×	15 gallons saved	=	<input type="text"/>	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.**

<input type="text"/>	# of loads of laundry in one week	×	20 gallons saved	=	<input type="text"/>	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.**

<input type="text"/>	# of short cycles run in one week	×	4 gallons saved	=	<input type="text"/>	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.**

<input type="text"/>	# of sinkfuls washed in one week	×	25 gallons saved	=	<input type="text"/>	Total Gallons Saved
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<b>TOTAL # OF GALLONS CONSERVED</b>	=	<input type="text"/>	<b>Total Gallons Saved</b>
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Name \_\_\_\_\_ Troop # \_\_\_\_\_

Level \_\_\_\_\_ Service Unit \_\_\_\_\_

### 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/ INDIVIDUAL ACTIVITY:

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

- **Daisy, Brownie, Junior**—Create a poster that explains why water is important. Display your work at the troop meeting place, local community center, bank, school or library.
- **Cadette, Senior, Ambassador**—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 AND 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.
- For more information log on to [liwc.org](http://liwc.org).