

# Wonderful Water Conservation

UF Extension

## Activity 1: Could we do better?

Calculate the number of wash loads per week done in your household assuming all loads are full. Take the full loads number times the average 40 gallons used per load to obtain gallons per week. Multiply the total gal/week by 52 weeks to obtain the total gal./year. Do the same for a high-efficiency washer that uses about 20 gal./load. Compare the difference.

### *Normal Clothes Washer*

# \_\_\_\_\_ loads/week x 40 gallons/load = \_\_\_\_\_ total gallons/week

Total gallons/week x 52 weeks = \_\_\_\_\_ gallons/year

### *More Water-Efficient Clothes Washer*

# \_\_\_\_\_ loads/week x 20 gallons/load = \_\_\_\_\_ total gallons/week

Total gallons/week x 52 weeks = \_\_\_\_\_ gallons/year

How many households are there in your community? How many total gallons would be saved if everyone in your community reduced water consumption by 20 gallons/week?

## Activity 2: Drips lose gallons

To calculate gallons lost per year by leaking faucets, go to the U.S. Geological Survey Drip Accumulator Web site at <http://ga.water.usgs.gov/edu/sc4.html> and insert the number of faucets that are leaking and number of drips/minute.

## Activity 3: Go surfing

Go to [www.h2ouse.org/](http://www.h2ouse.org/) for a home tour and for ideas of ways to use water more efficiently, new developments and selecting equipment.

## **Resources**

EPA, (2006). Varney, R. EPA's New Program to Sustain Water Resources: WaterSense Seeks to Enhance Consumer Market for Water Efficiency. Available at [http://www.epa.gov/region01/ra/column/archive/2006/watersense\\_20060919.html](http://www.epa.gov/region01/ra/column/archive/2006/watersense_20060919.html)

EPA, (2007a). Water Sense: Benefits of Water Efficiency. Available at <http://epa.gov/watersense/water/benefits.htm>

EPA, (2007b). Simple Steps to Save Water. Available at [www.epa.gov/watersense/water/simple.htm](http://www.epa.gov/watersense/water/simple.htm)

## **Acknowledgements & Reviewers**

This lesson is adapted from *Make Every Drop Count In The Home*, University of Nebraska Lincoln Extension, authored by Shirley M. Niemeyer, Extension Housing and Environment Specialist and Sharon O. Skip-ton, Extension Water Quality Educator.

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