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/ for a home tour and for ideas of ways to use water more efficiently, new developments and selecting equipment.

Resources


Acknowledgements & Reviewers

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