



# Family Water Conservation Checklist and School Water Survey Activity

## BATHROOMS

1. Have toilet tanks been checked for leaks?  
 YES  NO
2. Does your toilet flush at a rate of 1.6 gallons per flush or more?  
 YES  NO
3. Is toilet being used as a wastebasket?  
 YES  NO
4. Do you turn the water off while brushing your teeth?  
 YES  NO
5. Have low-flow shower heads (1.5 gallons per minute) been installed?  
 YES  NO
6. Do you take short showers?  
 YES  NO

## KITCHEN

7. Is water left running for rinsing vegetables or dishes?  
 YES  NO
8. Has the kitchen faucet and all other household faucets been checked for leaks?  
 YES  NO

## SUGGESTIONS

Place a few drops of blue food coloring in the toilet tank. If coloring is seen in the toilet bowl without flushing, a wasteful leak needs to be repaired. A leaking toilet can waste up to 21,000 gallons of water per year.

Consider replacing your 1.6 gallons per flush toilet, installing a premium high efficiency toilet that flushes at 1.1 gallons per flush or less. You can receive a rebate at [socialwatersmart.com](http://socialwatersmart.com).

Extra toilet flushes normally waste between 1.28 and 1.6 gallons per flush.

Before brushing, wet your brush and fill a glass for rinsing your mouth.

Low-flow shower heads can help you save up to 0.5 gallons of water for each minute of shower time. Also, you'll use less hot water, which saves energy. To request a free low flow showerhead, send an email to [WaterConservation@ladwp.com](mailto:WaterConservation@ladwp.com)

A shower uses 2 gallons of water every minute. Wash, rinse and SAVE!

## SUGGESTIONS

Ponding water (keeping it in the sink with a stopper) is a smart way to conserve water.

Repair indoor and outdoor leaks as soon as possible. Small leaks add up to large losses. The average leak for a household results in 10,000 gallons of wasted water per year.

## OUTDOORS

9. Are you aware that LADWP customers are allowed to water 3 days a week depending on the last number of their address?

YES  NO

10. Is your lawn watered before 9 a.m. or after 4 p.m. on the allowed days?

YES  NO

11. Do you use a broom for sweeping your walkways and driveway?

YES  NO

12. Are you aware of the water use restrictions in Los Angeles?

YES  NO

## SUGGESTIONS

Water conservation in Los Angeles is mandatory. Limit outdoor watering to 3 days a week on odd or even days, at 8 minutes per station, OR two 15 minute cycle per day with water-conserving nozzles before 9 a.m. or after 4 p.m.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<b>ODD</b> Addresses							
<b>EVEN</b> Addresses							

Outdoor watering with sprinklers is not allowed between 9 a.m. and 4 p.m. The best times to water outdoors are early in the morning or later in the evening, when temperatures are cooler.

Using a broom gets the cleaning done while saving water too. Sweep your driveway and other hard surfaces.

Go to [ladwp.com/wateringdays](http://ladwp.com/wateringdays) to learn more.

For further information about LADWP water conservation programs visit [ladwp.com/waterconservation](http://ladwp.com/waterconservation).

**I've discussed the important water saving tips with...**

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Signature of Adult

# School Water Survey Activity

**Problem:** How much water, on the average, do you use in your school?

**Purpose:** The purpose of this activity is to help you calculate how much water you personally use during the day at school and compare it to the average per person use in the school.

\_\_\_\_\_

School Name

**Time:** Collect data for one week.

**Materials:** School water bill from previous month.

**Procedure:** You'll determine how much water you can use at school by developing a water use chart and then graphing the results. You'll then compare your individual use with average per person use obtained from the school's water bill. You and your class, with approval from your teacher, may devise your own procedure for constructing this or additional surveys.

**Directions:** Students estimate and record their water use each day for one school week. At the end of the week the student's daily totals are made into individual line graphs.

## A. INDIVIDUAL STUDENT WATER USE RECORD

1. Record on water chart each time one of these activities is conducted.  
Use the formulas to determine total volume used.

<b>WATER ACTIVITY</b>	<b>NO. OF TIMES PER DAY</b>	<b>TOTAL</b>
Taking a shower	___ times ___ minutes per shower X 2 gallons a minute	_____
Flushing a school toilet	___ X 1.6 gallons	_____
Urinal flushing	___ X 1.5 gallons	_____
Washing hands	___ X 1 gallon	_____
Drinking from a school fountain	___ X 0.25 gallon	_____
	<b>Total gallons used in 1 day</b>	_____

2. Repeat for a full school week.

Totals	_____	_____	_____	_____	_____
	Monday	Tuesday	Wednesday	Thursday	Friday

# School Water Survey Activity

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## A. INDIVIDUAL STUDENT WATER USE RECORD *(continued from previous page)*

3. Enter total gallons of water used each day.

Totals	_____	_____	_____	_____	_____
	Monday	Tuesday	Wednesday	Thursday	Friday

4. Add totals from above. Divide that amount by 5 days.  
 That amount is your estimated daily water use. Enter amount here. \_\_\_\_\_

5. How much does your water use change from day to day. \_\_\_\_\_

## B. AVERAGE PER PERSON ACTUAL SCHOOL WATER USE

1. Determine how many gallons of water were used  
 by the school during the last monthly billing period. \_\_\_\_\_

2. Divide the total number  
 of gallons used in that period by 20 days. \_\_\_\_\_

3. Take the above number and divide it  
 by the number of people in the school. \_\_\_\_\_

4. Compare the school-wide average number with the individual  
 student estimated average obtained in part A. Enter amounts below.

Totals	_____	_____
	Student Estimated Average	School Estimated Average

5. How much does your average water use  
 differ from your school's average water use. \_\_\_\_\_

\_\_\_\_\_  
 Student Name

\_\_\_\_\_  
 Teacher Signature