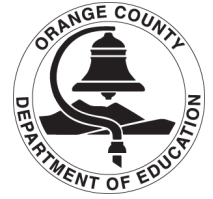




# Leakstopper's Activity

## Student Activity



### Is water being wasted in your home?

This survey will help determine places in your home where you might be able to save water.

#### Faucet Investigation

- Do any of your faucets leak?  Yes  No
- How many faucets are in your home (both inside and outside)? \_\_\_\_\_

#### Leaky Faucet Calculation

If you have a leaky faucet, count how many drops fall in one minute. If more than 30 fall per minute, put the number 4 in the box below. If there are less than 30, put the number two in the box. This is an estimate on the number of gallons a day your leaky faucet will use.

Leaky faucet 1	<input style="width: 40px; height: 25px;" type="text"/>	<u>gallons</u> day	x	<u>7 days</u> week	=	_____ <u>gallons</u> week
Leaky faucet 2	<input style="width: 40px; height: 25px;" type="text"/>	<u>gallons</u> day	x	<u>7 days</u> week	=	_____ <u>gallons</u> week
Leaky faucet 3	<input style="width: 40px; height: 25px;" type="text"/>	<u>gallons</u> day	x	<u>7 days</u> week	=	_____ <u>gallons</u> week

How many gallons of water per week are wasted are leaky faucets? \_\_\_\_\_



#### Bathroom Investigation

#### How much water does your family use in the shower?

- How many showers does your family take in one week? \_\_\_\_\_
- How long does the average shower last? \_\_\_\_\_

$$\underline{\hspace{2cm}} \frac{\text{showers}}{\text{week}} \times \underline{\hspace{2cm}} \frac{\text{minutes}}{\text{shower}} = \underline{\hspace{2cm}} \frac{\text{minutes}}{\text{weeks}} \times 8 \frac{\text{gallons}}{\text{minute}} = \underline{\hspace{2cm}} \frac{\text{gallons}}{\text{week}}$$

#### How much water does your family use in the bath tub?

- How many baths does your family take in one week? \_\_\_\_\_
- To what level is the bathtub filled?  full  1/2 full

If it is a full tub, fill in the number 50 in the box below. For half full, fill in the number 25.

$$\underline{\hspace{2cm}} \frac{\text{tub baths}}{\text{week}} \times \underline{\hspace{2cm}} \frac{\text{gallons}}{\text{tub bath}} = \underline{\hspace{2cm}} \frac{\text{gallons}}{\text{week}}$$

## Outdoor Investigation

- Does your home have a lawn?  Yes  No
- How often do you wash the car at home? \_\_\_\_\_

## Watering Lawn Calculation

- How many minutes per week is the lawn watered? \_\_\_\_\_

$$\frac{\text{minutes of watering}}{\text{week}} \times 7 \frac{\text{gallons}}{\text{minutes of watering}} = \frac{\text{gallons}}{\text{week}}$$

## Water Saving Questions

- |  |                              |                             |
|--|------------------------------|-----------------------------|
| Do you turn off the water when brushing your teeth?          | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Are your faucets always turned off tightly?                  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Do you have an adjustable shower head?                       | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Do you collect the water while waiting for it to get hot?    | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Do you use a broom to sweep the porch or driveway?           | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Does your family have plants requiring little water at home? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Do you turn the hose off when you wash a car?                | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

If you answered no to any of these questions, these are areas you can improve on saving water.

## What can you do to help save water?

Based on your answers above, what can you do to save water in your home?

---

---

---

---

