

# ONE DROP AT A TIME



Learn whether taking a bath or a shower saves hot water.

Grade Levels: 2-3

## INSTRUCTIONS:

1. Have each member of your family plug the drain when taking a shower.
2. Measure the amount of water used by marking the water level on the side of the tub with a bath crayon. Use one color for marking all shower levels.
3. The next time, have each person take a bath instead of a shower. Measure the amount of water used by marking the water level on the side of the tub with a bath crayon. This time use the other color bath crayon to mark bath levels.
4. Measure and record the height of each crayon mark from the bottom of the tub in the chart below.

## MATERIALS:

- A bathtub-shower combo is preferred, but a plain shower can still work
- Bath crayons – two colors (If bath crayons are not available, tape may be used)

Name	Shower Water Level (inches)	Bath Water Level (inches)

## THINK ABOUT IT:

Compare the amount of water used for baths and showers for each member of your family.

- Which uses more water, the shower or the bath?
- Which do you think uses more energy for heating water, the shower or the bath?
- What things can you do to reduce the amounts of water you use?