

Water in Action: Arrest Those Drips

A dripping faucet can waste a lot of water over time. In this experiment, you will determine how much water can be wasted when someone forgets to shut off a faucet completely. During the experiment, be sure to reuse the water for a tree or plant so YOU are not guilty of being a water waster!

MATERIALS



- bucket
- faucet
- measuring cup
- record sheet (below)
- pen/pencil

DIRECTIONS

1. Turn the faucet so it has a very slow drip.
2. Record the date and start time on the record sheet.
3. Place a bucket under the faucet.
4. After one hour, use the measuring cup to determine the amount of water collected.
5. Record your data.
6. Reuse the water by giving a drink to a plant or tree.
7. Repeat the experiment for longer periods of time and record your data.
8. Discuss the results of the experiment.

QUESTIONS

1. How much water dripped after 1 hour?
2. How much water dripped after 8 hours?
3. How much water dripped after 24 hours?
4. What would be the estimated amount of water wasted after 1 week?

 ARREST THOSE DRIPS			RECORD SHEET		
DATE	START TIME	END TIME	TIME LAPSED	AMOUNT OF WATER	