



PPP - Water Saving at Home

Two experiments that can easily be done at home

In Science we have been looking at water and how it is used.

1. Water loss from a dripping tap

You will need:

- A tap set to drip
- A container to collect the drips
- A measuring jug to find out how much water is collected
- Something to colour the water collected (option)
- A clock, watch or timer



Set up the equipment and find out how much water is lost from a dripping tap in 1 hour. If you do not have a measuring jug, 1 teaspoon usually holds 5mL of water. How much water was lost?

2. Glass or tap to clean your teeth?

Do you use more water if you rinse your mouth under the tap or if you use a glass of water?

You will need:

- Toothbrush and toothpaste
- Half a glass of water
- A tap and basin with a plug
- A piece of masking tape or electrical tape

Make sure the basin is plugged. Clean your teeth with the tap running, rinsing your mouth in the flowing water.

Mark the level of water in the sink with masking tape and then drain the water. Repeat using only water from the glass. Replace the plug and pour half a glass of water into the sink. Which technique uses the most water?

(Note: The brush appears broken because water bends light rays differently to air).

