

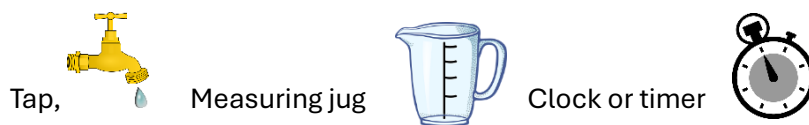
Dripping tap investigations

Do you have a dripping tap in school or at home?

A drip may not seem like a lot, but how much water will this waste in a day, a week or even a year?

If you don't have any dripping taps you can still undertake this experiment by turning on the tap slightly so its dripping,

Equipment



Predictions

Before you begin can you predict how many milliliters of water will drip in one hour?

How much water would this be in one day? (How many hours in a day?)

Calculate how much this will be in a year (How many days in a year?)

Instructions

- 1) Find a dripping tap to measure or turn your tap on slowly, then gradually close it until it is dripping
- 2) Put a measuring jug under the tap so the drips are collected and start timing.
- 3) After one minute find out how much water has been collected
- 4) Complete the table below to find out if your predictions were correct

Water wasted by dripping tap	Milliliters (ml)	Litres (l)
1 minute		
1 hour		
1 day		
1 year		

Did you know water has to be treated so it is safe to drink? This costs money and uses lots of energy, so every drop saved is good for our environment.