

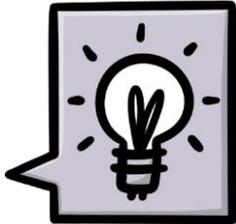
# SCHOOL WATER AUDIT

Name \_\_\_\_\_ Grade: \_\_\_\_\_

## INTRODUCTION

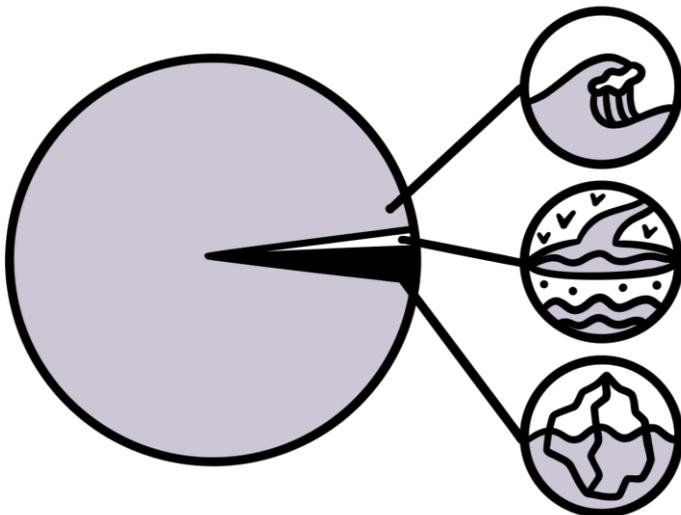
### Water is Life!

All living creatures need water to survive.



**Did you know?** Only a tiny bit of water on earth is fresh water AND more than half of the fresh water is water we can't currently use (underground, in glaciers or even polluted).

### Water on Earth



**Ocean**  
Saltwater **97%**

**Rivers, Lakes, Groundwater**  
Freshwater **1%**

**Glaciers**  
Freshwater **2%**

### Water is Precious!

- I wonder .... What can I do to help save water?

We can all do something to save water. Schools are a good place to start because they use a huge amount of water.

Before we can start saving water, we need to get a better idea about where we are wasting water.

- List all the activities and fixtures that use water in your school e.g. *toilets, tuckshop*

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- Which areas do you think use the most water?

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## ACTIVITY

### Water Sources and Wastage

- In groups, complete the following table. Remember to visit all the areas listed above. Different groups can visit different areas.

Water Point 	How many? 	How many are dripping or broken? 
Inside Tap		
Toilet		
Drinking fountain		
Urinals		
Outside Tap		
Sprinkler		
Other		
<b>Total</b>		

## Looking at Leaks

So why does a leaking tap matter, isn't it just a tiny amount of water?

- Time to work out how much water is wasted.

**Equipment needed:** dripping tap, measuring jug, watch/timer

- Place the measuring jug under the drip/leak and measure how much water is wasted in one minute.
- Use the table below to work out how much water is being wasted.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
Water lost in one minute	Water lost in one hour  (A x 60)	Water lost in 24 hours  (B x 24)	Converted to litres  (C ÷ 1000)	Water lost in a year  (D x 365)
<b>A</b> =    ml	<b>B</b> =    ml	<b>C</b> =    ml	<b>D</b> =    L	<b>E</b> =    L

Wow, so much water was wasted from just one tap! I bet the amount surprised you. How can we make sure dripping taps don't send precious water down the drain?

**ACTION PLANNING**

- Write four solutions down below. Be creative, there are many solutions!



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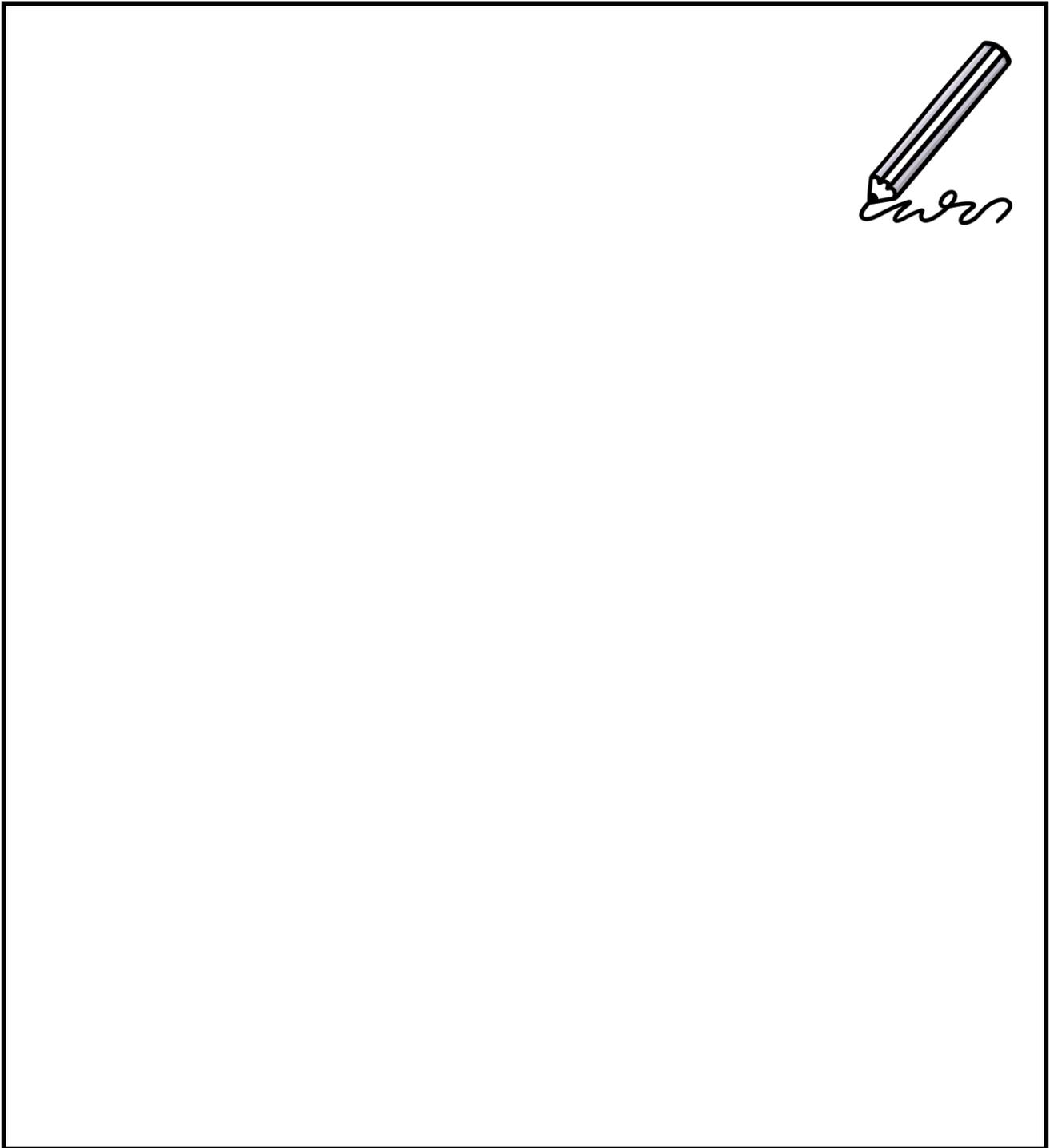
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## **TAKING ACTION**

- Design a poster, to be placed around the school, to teach your fellow students how to save water.



A large empty rectangular box with a black border, intended for drawing a poster. In the top right corner of the box, there is a small icon of a pencil with a squiggly line underneath it, indicating where to start drawing.