

**Water is a precious resource. Being waterwise means not wasting water and using it carefully. Anglian Water would like all of our customers to help by using water wisely.**

The Anglian Water region is one of the driest in the country. It receives on average only 600 millilitres of rain a year – around the same as Jerusalem, in Israel, or half the national average rainfall for the whole of England and Wales.

### Why is it important to be waterwise?

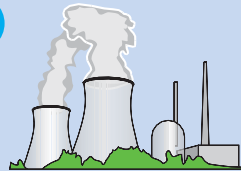
There are lots of reasons to be waterwise. Here are three reasons:

1



Although the planet is covered in oceans, only one per cent of water in the world is actually drinkable.

2



To make water safe to drink we use a lot of energy, so conserving water also helps save energy.

3



You can save money on household water bills by being waterwise.

### Be waterwise

We all waste water. Just think about how long the tap is left running each time you clean your teeth, or use a hosepipe to wash a car. Huge amounts of water are poured down the drain without being used for anything, which is a terrible waste. However, by making a few small changes to our behaviour we can help save water.

## TOP 5 Waterwise TIPS!

- 1 Don't let the tap run while you are brushing your teeth. Turn it off!
- 2 Fill a basin or sink for washing in, instead of letting the water run.
- 3 Take a short shower instead of having a bath.
- 4 Collect rainwater from your house roof into water butts, then use it to water the garden.
- 5 Wait until you have a full load before running the washing machine or dishwasher.

## What are we doing?

Because our rainfall is so precious Anglian Water has worked hard to reduce the amount of water leaking from our pipes. Because of this Anglian Water now has one of the lowest leakage rates of any **water company** in the country. We also encourage our customers to have water meters fitted.



↑ A water meter being fitted



↑ A water meter measures how much water you use.

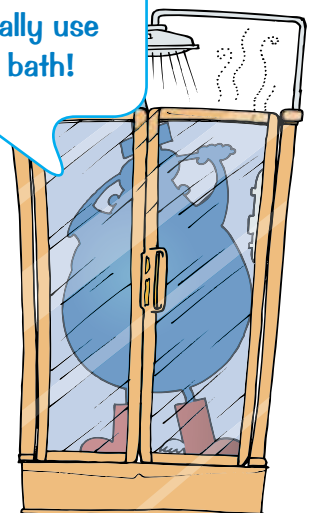
Having a water meter means customers can easily check how much water they are using and they also only pay for the amount of water they use. Having a water meter also helps save water, as an average customer with a meter uses 10 per cent less water.

Finally, we provide information and services to customers to help them use water wisely. Take a look at the 'waterwise tips' section of our website, [www.anglianwater.co.uk](http://www.anglianwater.co.uk), to find out how you can be more waterwise.



↑ Listening for leaks in a water main

Do you have a power shower at home? Power showers use up water very quickly, so a 10-minute shower could actually use more water than a bath!





**How do members of your family measure up to the waterwise challenge? Ask a person the questions below and tick Yes or No, according to their answers. Some questions may not apply to all family members.**

**Learning objective:**

To think about ways in which water can be saved at home.

**You will need:**

- A pen
- A notebook

 **How waterwise are you at home?**

Answer the questions below to find out if you are wasting water at home.

**Name of family member** \_\_\_\_\_

	Yes	No
1 Do you turn the tap off while brushing your teeth?	<input type="checkbox"/>	<input type="checkbox"/>
2 Do you wash vegetables or dishes in a bowl rather than under the tap?	<input type="checkbox"/>	<input type="checkbox"/>
3 Do you run half loads in your washing machine using the half-load button?	<input type="checkbox"/>	<input type="checkbox"/>
4 Do you wait until you have a full load before running the dishwasher?	<input type="checkbox"/>	<input type="checkbox"/>
5 Would you choose to have a shower instead of a bath?	<input type="checkbox"/>	<input type="checkbox"/>
6 Do you save rainwater in a water butt for the garden?	<input type="checkbox"/>	<input type="checkbox"/>
7 Do you use a watering can to water the garden?	<input type="checkbox"/>	<input type="checkbox"/>
8 Do you water the garden in the cool of the evening instead of during the heat of the day?	<input type="checkbox"/>	<input type="checkbox"/>
9 Do you use a bucket and sponge to wash your car rather than a hosepipe?	<input type="checkbox"/>	<input type="checkbox"/>
10 Do you fix dripping taps as soon as you find them?	<input type="checkbox"/>	<input type="checkbox"/>

Now count up the number of 'Yes' ticks you have and see how waterwise you are!  
 1-4 A real water waster! 5-8 Not bad! 9-10 Congratulations – you are waterwise!



**How much water do you think a dripping tap wastes in a day, a week, or even a year?**

**Learning objective:**

To use mathematical skills to solve real-life problems.

 **The dripping tap calculation**

Use the table below to help you calculate how much water is wasted by a dripping tap, but before you start make an estimation and then find out how close you were!

**You will need:**

- A calculator
- A pencil
- A tap
- An ml measuring cylinder

**Step 1: Make an estimation**

Litres wasted in one day =

Litres wasted in one year =  x  =   
1 day                      365 days in a year

**Step 2: Use a tap to work out the following:**

Water wasted by a dripping tap in 1 minute = \_\_\_\_\_ ml

So:

Water wasted in 1 hour =  x  = \_\_\_\_\_ ml

To convert this to litres =  ÷  = \_\_\_\_\_ l

Water wasted in 24 hours =  x  = \_\_\_\_\_ l

Water wasted in 365 days =  x  = \_\_\_\_\_ l

Now think about this:

- Compare your estimations with your measurements. Were you close?
- Find out if you have any dripping taps at home or at school.
- Log on to [www.anglianwater.co.uk](http://www.anglianwater.co.uk) for lots of tips and advice on how to save water and help protect the environment.