



**WORKSHEET:**  
**WATER FACT**  
**BADGE**

## WATER FACT BADGE:

# TRUE OR FALSE

Cut out the facts and play true or false to earn your badge!



**1**

The water cycle helps regulate the Earth's temperature.

**TRUE**

Some types of clouds help warm the Earth, others help cool it.

**2**

Water exists in more than one state in the water cycle.

**TRUE**

Bonus points if your opponents can name the different states: water, ice and vapour.

**3**

Sprinklers use 50 litres an hour.

**FALSE**

Sprinklers and hoses use around 1,000 litres an hour.

**4**

The Earth has been recycling water for over 4 billion years.

**TRUE**

Recycling water – also known as the water cycle.

**5**

Adding a washing up bowl or plug into your sink to catch excess can reduce water wastage by 50%.

**TRUE**

This prevents unwanted water waste.

**6**

Condensation is when water droplets in clouds become too big and heavy for the air to hold them they fall back to Earth as rain, snow, hail or sleet.

**FALSE**

This is the process of precipitation.

**7**

55% of the Earth's surface is covered in water.

**FALSE**

70% of the Earth's surface is covered in water.

**8**

3% of the Earth's water is freshwater and available as drinking water.

**FALSE**

The number is more like 0.3% as much of this water is stored in inaccessible places like ice caps.

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**9**

Fog is a very low cloud.

**TRUE**

It's a type of cloud that touches the ground.

**10**

Water is not only stored underground but also in ice caps, snow, and glaciers.

**TRUE**

As well as lakes, rivers and streams.

**11**

When water evaporates into the atmosphere, it cools and condenses to form clouds through a process called condensation.

**TRUE**

And these clouds produce precipitation – rain, snow, sleet or hail - when they can't hold any more.

**12**

Watering the garden on a windy day is a bad idea.

**TRUE**

The water will evaporate very quickly which is a waste.

**13**

The South East of England has an excellent supply of water.

**FALSE**

The South East of England has less available water than some African countries.

**14**

It takes 2,700 litres, the equivalent of 34 baths of water, to produce a T-shirt.

**TRUE**

Many clothing and household products have used huge amounts of water in their production.

**15**

It's predicted that there will be 8.7 million more people in England and Wales alone by 2050.

**TRUE**

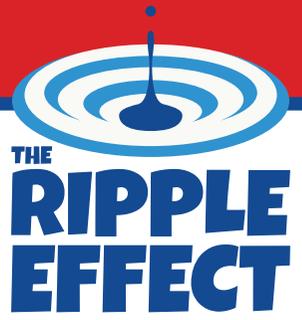
This will put further pressure on the water cycle due to increased demand.

**16**

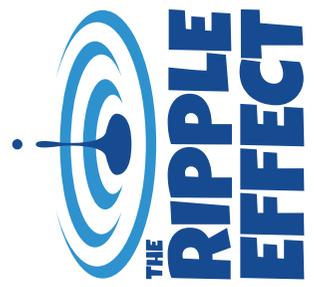
Brown grass in the summer means it's dead and can't be rescued.

**FALSE**

There's no need to continuously water grass over the summer – it will regenerate quickly after a rain shower.



**TRUE**





**FALSE**

