



Save Water self-delivery assembly

Teacher's guidance notes
March 2019



Timings

The PowerPoint and notes are adaptable for a 10 to 30-minute assembly.

Overview

This ready-made talk/assembly is designed to be teacher/leader-led and interactive. Children will discover the true value of water and the role that Southern Water play locally and globally. They will learn why they need to save water and how they can do this.

Curriculum links

KS2 Science:

- The water cycle
- Impacts on living things and their habitats

KS2 Geography:

- The water cycle
- The distribution of natural resources including water

KS2 Mathematics:

- Measurements and volumes

Eco-Schools links:

- Water
- Global citizenship

You will need

- 'Save Water' PowerPoint presentation
- Guidance notes in PowerPoint (you might like to print these)
- (A3 print outs for 'Which saves water?' activity – only if you prefer this approach, see PowerPoint notes)

Instructions

Follow the guidance notes that accompany the PowerPoint slides to deliver this interactive assembly. It can be adapted to suit your needs and your audience.

You could

- Show our short video 'The value of water' when suggested in the PowerPoint notes: https://www.youtube.com/watch?v=PO-wnz4N_KU
- Use different size bottles and containers, eg. bucket, bin, to visualise different volumes discussed in this assembly
- Print the 'Which saves water?' slides for pupils to hold up for vote
- Introduce calculations about how much water a class would save, or how much one person would save per week to practise numeracy skills.

Quick demonstration: All the water in the world

97% of the world's water is salty

2% is frozen

1% is fresh

1. Fill a bucket with water. This represents all the water in the world.
2. Cup your hands together and scoop them in the bucket to fill them with water. This represents all the fresh (not salty) water in the world.
3. Let this water drop back into the bucket. The drops of water left on your hands represent the water available to people on planet Earth for all that we need clean water for.

If you have more time in class

- Ask pupils to complete a home water survey to track how much water they use in a Week, see sheet attached.
- Challenge pupils to design a persuasive poster to encourage your school to save water

How much water do you use at home?

Keep a diary of how much water your family uses at home

The water on Earth moves in a never-ending cycle. Every living thing needs water to survive so we all need to use water wisely.

Your name: _____ How many people live in your home? _____

How many times does your home do these activities every day? Use tally marks to record each time you do an activity. Remember to include all the members of your home in your tally.

	Activity										Total
	Flushing toilet	Shower	Bath	Dish-washer	Washing up (by hand)	Washing machine	Drinking	Brushing teeth	Washing car	Watering plants	
Amount of water used	6 litres	8 litres per minute	80 litres	14 litres	12 litres	50 litres	0.5 litres per drink	6 litres	5 litres per bucket	4 litres per watering can	
Monday											
Tuesday											
Wednesday											
Thursday											
Friday											
Saturday											
Sunday											
Total											

Write the frequency in the total box.

On squared paper, design either:

1. A pictogram to show the number of times that you used water for different activities
2. A bar chart to show how much water you used for different activities

How do you compare?

The average person in the UK uses 150 litres of water per day. That's the same as 300 of these drinking bottles.

Average water used per person = total water used by your home/number of people living in your home

= _____ litres



Are people in your home using more or less water than the UK average?



from
Southern
Water