

Water Usage & Waste

Lesson 1 - What do we use water for in school?

Session Outline

Introduce the theme of water usage which the C.A.T will focus on for the next three sessions.

Do you know where clean water comes from?

Introduce the idea of the water cycle and watch the video to support understanding (stop at 4:03).

Discuss where the water comes from to supply treatment facilities (surface water, ground waters & the sewer network).

Look at the process of water treatment and how much effort, time, energy and money goes in to supplying clean water.

Session Activity

Investigate the uses of water across your school.

Can you think of all the ways that water is used in your school?

Create a mind map or a floor plan of the school to indicate where water is used in your school.

Home Activity / Link

Children investigate how they use water in their own homes.

Over the next week, children can use the C.A.T home activity sheet to investigate how water is used by their families.

Water Usage & Waste

Lesson 2 - How is water wasted in our school?

Session Outline

Recap what the C.A.T learnt about the water treatment process and how clean water is supplied.

In groups or as individuals, play a game of Always, Sometimes, Never. Children are to sort the statements in to three piles (always true, sometimes true, never true).

Discuss how it might seem like there is an endless supply of water however only 1% of the Earth's water is drinkable.

The process of producing clean drinking water is a very costly one and uses a lot of energy.

Session Activity

As a group, complete the C.A.T Water Usage Audit to find out how much is being used across the school.

The audit will identify areas in school where water is being wasted or where less water could be used.

Home Activity / Link

Children investigate water consumption in their own homes.

Over the next week, children are to keep a water diary to investigate how much water is used in their homes.

Home activity sheet available.

THEME 3

Water Usage & Waste

Lesson 3 - What can we do to save water?

Session Outline

Recap over what the children have learnt over the last few sessions.

What did the water usage audit show them?

Brainstorm ideas for what they can do to tackle the problem areas. Have there been any positive changes so far?

Take a look at the ideas and discuss how they can make a positive change across the school.

Session Activity

C.A.T to create an action plan for reducing water usage & waste across the school, including some of the ideas they brainstormed in the session.

Template provided.

Home Activity / Link

Children to discuss the problems involved with supplying clean water, and how it is wasted, with their families. Decide on a few actions they can take as a family to help.

Ideas: Takes showers instead of baths, make sure that the dishwasher is fully loaded before using it, use cooking water to water the plants etc.

THEME 2

Paper Usage & Wastage

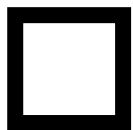
SUGGESTED ACTION LIST



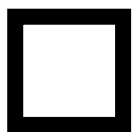
Put posters / signs up near taps to remind people to turn them off & use less water.



Raise awareness across the school community & encourage people use less water e.g arrange a free workshop from United Utilities
www.unitedutilities.com/corporate/responsibility/communities/education/learning-sessions/



Make at least one positive change at home.



Take part in a water saving week. www.waterwise.org.uk/wsw/