

UNIT 4: THE HYDROSPHERE

WATER: USE IT WISELY

Dear language assistant,

1.The first part of the lesson is for explaining the importance of saving water:

“We all need water to live. Earth has a lot of water but most of the water is not good for drinking. 97% of water is sea water and we can't drink it because it's salty; we can't use sea water for irrigation (riego). 2% of water in the Earth is ice in the poles and glaciers. Just 1% of the water in our planet is fresh water, liquid fresh water. In addition, some countries have much more water than others. We live in a country with little water because our climate is dry (clima seco). So we have to save water. If possible, you can show a short presentation on the internet”.

2.Secondly, you can explain the students the work they have to do:

“Imagine you have to do a campaign (campaña) about saving water. We can encourage (animar) people in the school to be careful with water. We want to educate our community of the economic and ecological benefits of reducing water consumption (reducir el consumo de agua). You will have to write some slogans. I want you to learn how to express rules using imperative. Some examples:

- Get your books out! Listen carefully!
- **Let's** listen to the teacher!
- **Stop** talking to your partner!
- **Don't** run in the corridors!

“We are all working in the same campaign but each two students will work in a different topic (tema). You two will have to think about your topic and prepare your advice for the rest of the students. These are the topics to give out:

- Brushing your teeth.
- Shower.
- Toilet
- Dripping of a tap (goteo) or a trickle of water (hilillo de agua).
- Dishwasher.
- Washing machine.
- Watering the garden: how?
- Watering the garden: what time?
- Cleaning the garden or the patio.
- Water toys and playing water.

3.The students can use the internet to find information and after 10 minutes they can write their sentences on the board.

4.After that they can design one slide with the slogan and a picture. Later on the teacher will gather the slides in a single presentation.

Thank you

SAVING WATER LINKS.

<http://www.savewater.com.au/index.php?sectionid=9>

<http://museumvictoria.com.au/watersmarthome/>

<http://www.sydneywater.com.au/Publications/FactSheets/20waystosavewaterinyourhomeandgarden.pdf#Page=1>

<http://extension.unh.edu/counties/Grafton/present/Water101.ppt#25>

SEIS CONSEJOS BÁSICOS PENSADOS PARA NIÑOS.

Take shorter showers. Shorten a 10 minutes shower to 5 minutes and save at least 25 gallons of water!

Fill it up. Fill up the dishwasher... running it only half full wastes water.

Just to rinse. Don't run the water while you brush your teeth... just to rinse the brush and clean the sink!

Fill it up again! Use the correct settings on the washing machine...partial loads waste water, energy and money!

Stop the drop! Found a leaky faucet around the house? Tell the parent so it can get fixed! Leaks waste water.

Learn to share! Have fun in the sprinkler if it on for watering the lawn. Water "toys" can waste up to 200 gallons each half hour.

The challenges facing the world in the provision of clean water may be daunting, but here are 26 ways you can play your part in conserving water. Adapted from Thames Water's Waterwise campaign.

A dripping tap could waste as much as 90 litres a week.

Brushing your teeth with the tap running wastes almost 9 litres a minute. Rinse out from a tumbler instead.



Cool water kept in the fridge means you won't have to run the tap for ages to get a cold drink.

Don't use your washing machine until you've got a full load. The average wash needs about 95 litres. A full load uses less water than 2 half loads.

Every time you boil an egg save the cooled water for your houseplants. They'll benefit from the nutrients released from the shell.

Fit a water saving device in your cistern and save up to three litres a flush.

Grow your grass a little longer. It will stay greener than a close mown lawn and need less watering.

Hoeing stimulates the growth of plants, reduces water loss from the soil surface and removes weeds that take up valuable water and nutrients.

Installing a water meter can save you water and money by monitoring how much you use.

Just taking a five minute shower very day, instead of a bath, will use a third of the water, saving up to 400 litres a week.

Kettles should be filled with enough water for your needs but not to the brim. This will reduce your fuel bills too.

Lag your pipes to avoid bursts and leave your heating on a low setting while you are out in cold weather to prevent pipes freezing.

Mulch for moisture in the garden. Adding a layer of tree bark, compost, coconut husks or even newspaper keeps the sun off the soil and retains precious moisture.

No further watering is usually required for established trees and shrubs.

Once a week is all the watering your lawn needs even in the hottest weather. Over-watering can weaken your lawn by encouraging roots to seek the surface.

Purchasing a water butt will help you to collect rain water for use on the garden.

Question your local garden centre about the water requirements of different plants. Some thrive in drier conditions.

Replacing a toilet cistern can save water. Toilets manufactured after 1993 use less water per flush.

Sprinklers can be wasteful. It doesn't take long for a sprinkler to soak your lawn thoroughly. A sprinkler can use as much water in an hour as a family of four will use in a day!

Trigger nozzles can save water by using it only when needed. This can save up to 225 litres a week.

Use the dirty water when cleaning a fish tank on your houseplants. It's rich in nitrogen and phosphorus, which provides an excellent fertiliser.

Very 'water efficient' washing machines and dishwashers are now manufactured. Machines with 'A' ratings are the most economical.

You'll find that they save on energy too.

Water your garden at the coolest part of the day to reduce evaporation.

Xeriscape means 'to landscape for water conservation.' The idea is to use plants that require less water. You can also utilise objects for decorative effect such as rocks, bricks, benches and gravel.

You can use less water by turning the hot tap down, rather than the cold tap up, if you require cooler water.

Z The end of the alphabet but not the end of water saving ideas - why not get in touch and tell us of any you've discovered?

