

Awareness of water

Students will learn about the importance of water by observing where it's used around the school and home. Students will create their own grass head and investigate how water is vital for plants to survive.

Subject area:

Science

Year level:

Year 2

Learning objectives:

- Build awareness of water in everyday life.
- Consider what might happen to humans and plants if there was limited access to water.
- Identify actions at school, such as turning off dripping taps, which can conserve water.

Curriculum links

<i>Earth and space science</i>	ACSSU032
<i>Use and influence of science</i>	ACSHE035

Cross curriculum priorities- Sustainability

OI.1	The biosphere is a dynamic system providing conditions that sustain life on Earth.
OI.5	World views are formed by experiences at personal, local, national and global levels, and are linked to individual and community actions for sustainability
OI.7	Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments
OI.9	Sustainable futures result from actions designed to preserve and/or restore the quality and uniqueness of environments

General capabilities



Literacy



Numeracy



Information and communication technology (ICT) capability



Critical and creative thinking



Personal and social capability

Activity 1

Dear water diary

Students will re-step their day so far, imagining how different it would be without available fresh, clean water.

Time required:

1 hour

Resources required:

- **Hard copy of the school grounds map**
- **Students will need a notebook and pen**
- **Whiteboard and markers**

Preparation:

1. Print a copy of the school map for each student.
2. Read the waterwise advice on [Water Corporation website](#).

Steps:

1. Using the school grounds map, take students on a walk to identify all the places where water is dispensed around the school, such as taps, drink fountains, sprinklers, toilets. Ask students to place a mark on their maps where these facilities are located.
2. In the classroom, discuss all the different places in the school where water is used. List these on the board. Ask the students what might happen if these facilities were suddenly not available. Talk about how the grass and some plants would die, we wouldn't have access to fill up our drink bottles, the toilets wouldn't flush!

3. Students create a diary entry of their morning so far as they prepared for school. Many of their tasks will need water (flushing the toilet, washing hands, brushing teeth, drinking, filling up their water bottle etc). Ask students to list all the things they can think of that they do before school (eat breakfast, pack their bag, play with their pet, drive/walk/ride to school).
4. To emphasise just how much we rely on and take water for granted, students then imagine waking up to a day without water. Students will place a line through each of the tasks in their diary which required water.
5. Ask students to share how their morning getting ready for school would be different without water and what they may do instead of using it.
6. Emphasise the importance of water in our daily lives. Discuss with students the many ways we can all conserve water at home and school to preserve this precious resource.

