

Saving Water - Our Commitment

Program focus

In Saving Water - Our Commitment, students will learn about the types of water on earth and how scarce drinking water is, particularly in Australia. They will also learn about where most water is used in the home and techniques for conserving water around their home and school.

Presentation

The presentation in Saving Water – Our Commitment will cover the types of water on earth (oceans and seas, polar icecaps and glaciers, underground stores, lakes and rivers), where it is found, and its proportions.

Students will gain an understanding that very little water is available for human consumption despite there being large amounts of water around us. The presentation will also cover tips for saving water around the home and school.

Activity

Students will apply their knowledge of water conservation strategies in Saving Water – Our Commitment to make a badge design with a water saving slogan. Students will be able to take home a badge with their design on it.

VELS links

VELS levels	Strand	Domain	Dimension
1-4	Discipline-based learning	The Arts Science	<ul style="list-style-type: none">• Creating and making• Science knowledge and understanding



This program includes:

- Introductory welcome presentation (5 minutes)
- Opening video (10 minutes)
- Vortex interactive walkthrough (30 minutes)
- Saving Water presentation (15 minutes)
- Saving Water activity (30 minutes)

*Times are approximate only and can be tailored to meet your school's objectives and needs.

About the Vortex Centre

The Vortex Walkthrough

The Vortex Centre is Gippsland Water's new water educational resource located at the world-first Gippsland Water Factory in Maryvale, Victoria.

The Vortex Centre provides a multimedia experience for students to learn about water usage and management in the Gippsland region, the water cycle and water sustainability.

The state-of-the-art 'green' facility features interactive displays, touch-screens and videos, with a focus on efficient water use and sustainable water management; highlighting water as a precious resource at a local, state, national and global level.

Students will also learn about the treatment process happening at the Gippsland Water Factory and how recycled water is produced. This will include a behind-the-scenes look at the operational centre of the wastewater treatment plant.

The Vortex Centre is a sustainable building that sits on a lake of recycled water, which is pumped through the floor to provide cooling. It is also heated sustainably through waste energy and contains a variable membrane that saves electricity by controlling the level of light.

Vortex Centre education programs and the school curriculum

The different presentations and activities provided by Gippsland Water run across various VELS levels, domains and dimensions and can be tailored to fit the needs of students and the school curriculum.

For VCE students, information can be provided which is tailored to the needs of specific projects. Experts on wastewater treatment can also be provided to discuss various processes.



Admission to the Vortex Centre is free for those within Gippsland Water's service area.

School tours are available on Tuesday, Wednesdays and Thursdays between the hours of 9:30am and 3:00pm only.

To book a tour, please contact Gippsland Water's Communications team on 1800 066 401 or visit www.gippswater.com.au to download a Vortex Centre Tour Information Pack.

Please note: All bookings must be made at least two weeks in advance of the tour date.

Did you know?

A vortex is a whirling motion, like a whirlpool, whirlwind or water going down the drain. This motion was the inspiration behind the architecture of the Vortex Centre and is captured in the building's name.

The Vortex Centre is made up of seven barrels that appear to be floating on water and fit into one another, decreasing in size giving the appearance of a 'vortex'.

