



Empowering students to meet the challenges of the future

The Future Water Story is a brand-new learning experience at the Western Treatment Plant; using the latest technology and a behind the scenes tour, students are immersed in the world of water. This one-of-a-kind experience guides students through the importance of water to life and liveability, and how we will need to make our cities future-ready and sustainable.

An immersive experience designed to engage and inspire your students about the importance of water.



The Future Water Story is aligned to the unit Water in the world and includes two main activities, a Circular Cities Digital Challenge and a Systems and Innovation tour

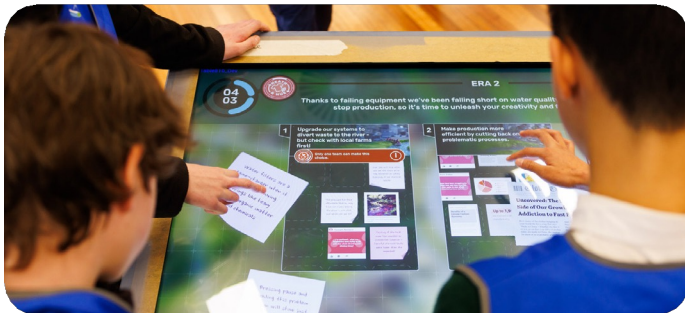
CIRCULAR CITIES DIGITAL CHALLENGE

The city's future is in your hands!

Working in teams for the Circular Cities Digital Challenge, students cooperate, collaborate and even negotiate to help create a sustainable city. Students have to consider that sometimes what appears best for their group isn't always for the wider community, city and environment!

SYSTEMS INNOVATION TOUR

Going on a behind the scenes Systems and Innovation tour at Melbourne's largest sewage treatment plant, students will see (and smell!) how wastewater is treated to produce a sustainable outcome!



LEARNING OUTCOMES

During each part of the Future Water Story, students will learn all about the world of water.

Describe how water is a renewable natural resource that is finite	●		●	●
Explain how the natural water cycle works and how humans have altered the process	●		●	●
Identify how water travels through the Greater Melbourne - Victorian environment and connects people and places		●		
Explain the different methods to overcoming water scarcity; both by reducing demand for water and increasing the supply of water		●	●	●
Know that water is a scarce resource, and it needs to be managed to ensure water security (supply and sanitation)	●	●	●	●
Explore the multilayered meanings (material, cultural and spiritual wellbeing) associated with water (and waterways) for Aboriginal and Torres Strait Islander people	●	●		
Explain the causes and impacts of hydrological hazards; as well as how to minimise their harmful effects		●		●
Understand that Melbourne's water security (supply) will be impacted by climate change	●	●	●	●
Understand the environmental impact of altered waterways on people, animals and places		●	●	
Know that the liveability of Melbourne depends on a safe and secure supply of water; as well as treatment of wastewater	●	●	●	●
Explore human impacts on ecosystems (aquatic & terrestrial) in relation to food chains and food webs (the relationship between organisms in an environment)			●	

- INTRODUCTION
- CIRCULAR CITIES CHALLENGE
- SYSTEMS & INNOVATION TOUR
- CONCLUSION



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