



TEACHER GUIDE

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| <p>Topic</p> | <p><i>Restoring Earth's Ecosystems (Water Management): Foundation to Year 2</i></p> |
| <p>Excursion Duration</p> | <p>Full-Day (10am - 2pm) - x3 45-minute Activities</p> <ul style="list-style-type: none"> • Exploring Wetlands • Water Cycles and Solutions • Caring for Country |
| <p>Excursion Learning Intentions</p> | <ul style="list-style-type: none"> • Explore a local wetland and the variety of life it can support. • Understand water cycles and the positive impacts humans can have on waterways. • Observe how changes in weather systems impact wildlife and take action to restore local ecosystems. |
| <p>Excursion Success Criteria</p> | <ul style="list-style-type: none"> • Students understand the importance of biodiversity and how it creates healthy ecosystems. • Students consider the impacts humans have on local waterways and how small actions can have big consequences on local flora and fauna. • Students can describe the water cycle and the four steps which make up the cycle: collection, evaporation, condensation and precipitation. • Students can apply water conservation skills for collecting water at school by observing them at CERES. • Students recognise that observing and connecting with Country is an important step in understanding it. • Students understand important future steps to maintain ecosystems in their own area. |
| <p>Curriculum Links</p> | <p>Science, Design & Technology, Geography, English, Civics & Citizenship, History, Intercultural Capabilities, Maths (VCSSU043, VCSSU041, VCSSU042, VCGGK064, VCSSU047, VCGGK069, VCGGK064, VCGGK067, VCGGK069, VCSSU046)</p> |





Pre-Excursion Activity

Warming up for your visit to CERES

[The Water Cycle Interactive Game](#)

Introduce students to the different stages of the water cycle through an interactive game.

- F-1 whole group activity.
- Yr 2 could complete independently.

Post-Excursion Activity

Recommended Lesson

[Biodiversity Audit](#)

Conduct a biodiversity audit to begin your school's journey towards ecosystem restoration.

Additional lessons to support learning

[Habitats and Food Webs Video & Game](#)

Watch this informative video and play an interactive game to enhance student understanding of the importance of biodiversity.

[How to start a Sustainability team](#)

Feeling inspired by your visit to CERES and curious to know how you can do more for your school? Consider starting your own student-led sustainability team using this guide.

