



TEACHER GUIDE

<p>Topic</p>	<p><i>Restoring Earth's Ecosystems: 3-6</i></p>
<p>Excursion Duration</p>	<p>Full-Day (10am - 2pm) - x3 45-minute Activities</p> <ul style="list-style-type: none"> • Discovering Local Wetlands • Supporting Biomes • Managing Urban Waterways
<p>Excursion Learning Intentions</p>	<ul style="list-style-type: none"> • Discover a wetland ecosystem and how it supports local biodiversity. • Identify habitat needs of different native fauna and gain skills in habitat restoration • Explore the urban water cycle and how water management affects ecosystem health.
<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 living things in an ecosystem and how they affect different food chains. • Students can identify actions humans can take to assist with ecosystem health and enrich biodiversity. • Students use scientific methods to measure and analyse the potential of an ecosystem to support particular wildlife. • Students experience and see the results of community collective-action at CERES Community Environment Park, in particular how we manage land and water sensitively on site. • Students develop skills they can take home to connect to Country and restore ecosystem health.





Curriculum Links	<p>Science - (VCSSU056, VCSSU057, VCSSU058, VCSSU062, VCSSU073, VCSSU074, VCSSU075)</p> <p>Geography - (VCGGK082, VCGGK083, VCGGC085, VCGGC087, VCGGK094, VCGGK096)</p> <p>History - (VCHHC069, VCHHK073)</p> <p>Civics and Citizenship - (VCCCC006, VCCCC016)</p> <p>Intercultural Capabilities - (VICICD007)</p> <p>Mathematics - (VCMSP148, VCMSP150)</p>
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Pre-Excursion Activity

Warming up for your visit to CERES	<p>The Wetland Food Web Engage students about the complex interconnections within ecosystems.</p> <p>Melbourne Water Drip Trip Students follow a water drop’s journey from the cloud to catchments, reservoirs, and treatment through to the tap to understand the impact the water cycle has on living things.</p>
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Post-Excursion Activity

Recommended Lesson	<p>Biodiversity Audit Conduct a biodiversity audit to begin your school’s journey towards ecosystem restoration.</p>
Additional lessons to support learning	<p>Habitats and Food Webs Video & Game Watch this informative video and play an interactive game to enhance student understanding of the importance of biodiversity.</p> <p>Meet the Ferals Series Watch these short videos on the effects of invasive species on Australian ecosystems. Support student learning by completing these worksheets after viewing.</p> <p>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.</p>

