



**TEACHER GUIDE**

<p><b>Topic</b></p>	<p><i>Restoring Earth's Ecosystems: 3-6</i></p>
<p><b>Excursion Duration</b></p>	<p>Full-Day (10am - 2pm) - x3 45-minute Activities</p> <ul style="list-style-type: none"> <li>• Discovering Local Wetlands</li> <li>• Supporting Biomes</li> <li>• Managing Urban Waterways</li> </ul>
<p><b>Excursion Learning Intentions</b></p>	<ul style="list-style-type: none"> <li>• Discover a wetland ecosystem and how it supports local biodiversity</li> <li>• Identify habitat needs of different native fauna and gain skills in habitat restoration</li> <li>• Explore the urban water cycle and how water management affects ecosystem health</li> </ul>
<p><b>Excursion Success Criteria</b></p>	<ul style="list-style-type: none"> <li>• Students understand the importance of biodiversity and how it creates healthy ecosystems</li> <li>• Students consider living things in an ecosystem and how they affect different food chains</li> <li>• Students can identify actions humans can take to assist with ecosystem health and enrich biodiversity</li> <li>• Students use scientific methods to measure and analyse the potential of an ecosystem to support particular wildlife</li> <li>• 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</li> <li>• Students develop skills they can take home to connect to Country and restore ecosystem health</li> </ul>





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

<p><b>Warming up for your visit to CERES</b></p>	<p><a href="#">The Wetland Food Web</a>            Engage students about the complex interconnections within ecosystems.</p> <p><a href="#">Melbourne Water Drip Trip</a>            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**

<p><b>Recommended Lesson</b></p>	<p><a href="#">Action Plan</a>            Using prompts of what, why, who, how and when, students collaborate to design an action plan responding to the inquiry question: “How can we support biodiversity in our school?”</p>
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<p><b>Additional lessons to support learning</b></p>	<p><a href="#">Biodiversity Audit</a>            Conduct a biodiversity audit to begin your school’s journey towards ecosystem restoration.</p> <p><a href="#">Aussie Bird Count</a>            Take part in Australia’s largest annual citizen science event and record bird biodiversity in your own schoolyard.</p> <p><a href="#">How to start a Sustainability team</a>            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>
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