



## TEACHER GUIDE

<p><b>Topic</b></p>	<p><i>Towards Zero Waste: Years 5/6</i></p>
<p><b>Excursion Duration</b></p>	<p>Full-Day (10 am - 2 pm) X3 45-minute activities</p> <ul style="list-style-type: none"> <li>• Circular Systems Thinking</li> <li>• Composting - a way to recycle!</li> <li>• Rethinker Tinker - bag making</li> </ul> <p>Half-Day (10 am - 12.30 pm) X2 45-minute activities</p> <ul style="list-style-type: none"> <li>• Circular Systems Thinking</li> <li>• Composting - a way to recycle!</li> </ul>
<p><b>Excursion Learning Intentions</b></p>	<ul style="list-style-type: none"> <li>• Students will build knowledge, foster connection to the Earth and learn new skills/actions to avoid waste</li> <li>• Students investigate waste as a linear problem that needs to be avoided to address climate change and protect natural resources</li> <li>• Students will discover ways to avoid waste and respect the earths' natural resources             <ul style="list-style-type: none"> <li>◦ Circular systems thinking, the 6 R's, natures' cycles</li> </ul> </li> </ul>
<p><b>Excursion Success Criteria</b></p>	<ul style="list-style-type: none"> <li>• Understand waste as a linear problem that contributes to climate change: take - make - dispose</li> <li>• Turn waste into a valuable resource through skill building: composting, rethinker tinker</li> <li>• Identify and apply circular systems thinking principles, natures' cycles and the 6Rs as ways to move towards zero waste and increase resource recovery</li> </ul>
<p><b>Curriculum Links</b></p>	<p>Science, Geography, Design &amp; Technologies, Civics &amp; Citizenship</p>





### Pre-Excursion Activity

#### Warming up for your visit to CERES

##### [Waste Breakdown Curriculum Activity](#)

Learn about the process of waste breakdown focussing on the time required for the breakdown of different materials in landfill.

##### [Life Cycle Curriculum Activity](#)

Explore the linear life of a product from resource extraction, manufacturing, production and consumption through to 'end of life'.

### Post-Excursion Activity

#### Recommended Lesson

##### [Action Plan](#)

Students collaborate to design an action plan responding to the inquiry question; 'How can we use the 6Rs in school to take care of the planet and people?'

#### Additional lessons to support learning

##### [Resource Auditing at School \(with CERES Incursions\)](#)

CERES offers a student assisted waste auditing program suitable for students. The auditing process allows students to identify the amount of waste generated by the school and analyse the composition of its waste streams. Students are supported to assess and report their findings and engage in action planning to improve waste management.

##### [Start a Waste Team at School](#)

Inspired and want to make a difference in your school? Use this resource to help your students start a Waste Warrior team!

##### [War on Waste ABC Series](#)

View the War on Waste series and complete the educational resources to support student learning.

