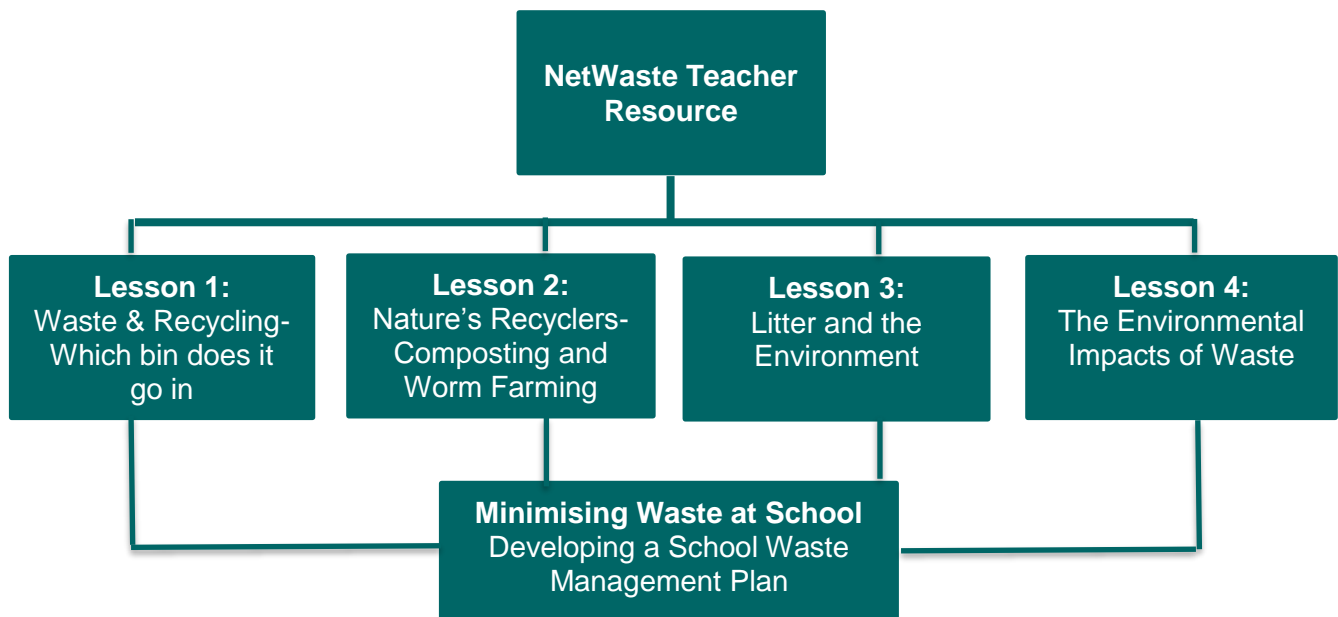




# Overview for Teachers and Australian Curriculum Links

## *NetWaste Teacher Resource for primary schools*

The NetWaste Teacher Resource for primary schools will enable teachers to engage their students in an examination of issues associated with sustainable waste management and waste minimisation, in a self-directed way. The NetWaste Teacher Resource comprises four separate lesson plans with accompanying PowerPoint presentations, complementary resources and suggestions for classroom based activities. In addition, the resource kit also includes a *Minimising Waste at School* PowerPoint presentation, with accompanying electronic workbook, to assist schools to plan and implement a School Waste Management Plan.



The NetWaste Teacher Resource is aimed at primary school students from Prep to Year 6, and teachers are encouraged to extend or simplify the content and activities to suit the age and ability of their students. This education resource has been linked to the Australian Curriculum in the key subject areas of Science and Humanities and Social Sciences (HASS), as detailed below. Further curriculum links also exist with Design and Technology and Health and Physical Education and in the cross curriculum priorities of Sustainability.



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The NetWaste Teacher Resource has been developed to allow for flexible delivery. The education resource can be delivered in its entirety as an integrated unit of work; any of the four lesson plans can be delivered as discrete elements; or the individual activities and resources can be utilised as independent learning tools.

### Program structure

Each of the lesson plans incorporates the following elements:

<b>Context</b>	This is background information, primarily for the interest of the teacher, to assist in preparation and help set the context for the class discussions and activities.
<b>Learning outcomes</b>	Demonstrates the key learning opportunities for students who engage with the resource
<b>Lesson outline</b>	Used in conjunction with the accompanying PowerPoint presentation, the structured lesson outlines allows teachers to engage students and involve them in class discussions that will help further enhance learning opportunities.
<b>Activity suggestions</b>	Each lesson plan includes a series of suggested activities to be completed by the students individually, in small groups, or as a class, to help consolidate learning. All instructions required to complete the activities are included in the resource.
<b>Lesson resources</b>	A list of resources has been developed to assist teachers in planning the lesson and delivery of the associated activities. Some of the resources have been supplied as part of the kit.

### Copyright

The content, images and PowerPoint presentations included in the NetWaste Teacher Resource should be used for the purposes of education only. These materials must not be shared, copied or reproduced for any other purpose.



# Overview for Teachers and Australian Curriculum Links

*NetWaste Teacher Resource for primary schools*

## NetWaste Teacher Resource - Australian Curriculum links (P-6)

Learning area	Year level	Strand	Content descriptions
			<ul style="list-style-type: none"> <li>• Lesson Plan 1: Waste &amp; Recycling- Which bin does it go in</li> <li>• Lesson Plan 2: Nature's Recyclers- Composting and Worm Farming</li> <li>• Lesson Plan 3: Litter and the Environment</li> <li>• Lesson Plan 4: The Environmental Impacts of Waste</li> </ul>
Science	Prep	Science Understanding	Living things have basic needs, including food and water ( <a href="#">ACSSU002 - Scootle</a> )
		Science as a Human Endeavour	Science involves observing, asking questions about, and describing changes in, objects and events ( <a href="#">ACSHE013 - Scootle</a> )
	1	Science as a Human Endeavour	People use science in their daily lives, including when caring for their environment and living things ( <a href="#">ACSHE022 - Scootle</a> )
	2	Science Understanding	Earth's resources are used in a variety of ways ( <a href="#">ACSSU032 - Scootle</a> )
		Science as a Human Endeavour	People use science in their daily lives, including when caring for their environment and living things ( <a href="#">ACSHE035 - Scootle</a> )
	3	Science as a Human Endeavour	Science knowledge helps people to understand the effect of their actions ( <a href="#">ACSHE051 - Scootle</a> )
4	Science Understanding	Living things depend on each other and the environment to survive ( <a href="#">ACSSU073 - Scootle</a> )	



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			<ul style="list-style-type: none"> <li>• <b>Lesson Plan 1: Waste &amp; Recycling- Which bin does it go in</b></li> <li>• <b>Lesson Plan 2: Nature's Recyclers- Composting and Worm Farming</b></li> <li>• <b>Lesson Plan 3: Litter and the Environment</b></li> <li>• <b>Lesson Plan 4: The Environmental Impacts of Waste</b></li> </ul>
Science	4	Science Understanding	Natural and processed materials have a range of physical properties that can influence their use ( <a href="#">ACSSU074 - Scootle</a> )
		Science as a Human Endeavour	Science knowledge helps people to understand the effect of their actions ( <a href="#">ACSHE062 - Scootle</a> )
		Science Inquiry	With guidance, plan and conduct scientific investigations to find answers to questions, considering the safe use of appropriate materials and equipment ( <a href="#">AC SIS065 - Scootle</a> )
	5	Science Understanding	Living things have structural features and adaptations that help them to survive in their environment ( <a href="#">ACSSU043 - Scootle</a> )
		Science Understanding	Scientific knowledge is used to solve problems and inform personal and community decisions ( <a href="#">ACSHE083 - Scootle</a> )
		Science Inquiry	Identify, plan and apply the elements of scientific investigations to answer questions and solve problems using equipment and materials safely and identifying potential risks ( <a href="#">AC SIS086 - Scootle</a> )
	6	Science Understanding	The growth and survival of living things are affected by physical conditions of their environment ( <a href="#">ACSSU094 - Scootle</a> )
		Science Understanding	Changes to materials can be reversible or irreversible ( <a href="#">ACSSU095 - Scootle</a> )
		Science Understanding	Scientific knowledge is used to solve problems and inform personal and community decisions ( <a href="#">ACSHE100 - Scootle</a> )
		Science Inquiry	Reflect on and suggest improvements to scientific investigations ( <a href="#">AC SIS108 - Scootle</a> )



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			<ul style="list-style-type: none"> <li>• Lesson Plan 1: Waste &amp; Recycling- Which bin does it go in</li> <li>• Lesson Plan 2: Nature's Recyclers- Composting and Worm Farming</li> <li>• Lesson Plan 3: Litter and the Environment</li> <li>• Lesson Plan 4: The Environmental Impacts of Waste</li> </ul>
Humanities & Social Sciences (HASS)	3	Inquiry & Skills: Evaluating and Reflecting	Pose questions to investigate people, events, places and issues ( <a href="#">ACHASSI052 - Scootle</a> )
	4	Inquiry & Skills: Questioning	Pose questions to investigate people, events, places and issues ( <a href="#">ACHASSI073 - Scootle</a> )
		Inquiry & Skills: Researching	Record, sort and represent data and the location of places and their characteristics in different formats, including simple graphs, tables and maps, using discipline-appropriate conventions ( <a href="#">ACHASSI075 - Scootle</a> )
		Inquiry & Skills: Evaluating and reflecting	Reflect on learning to propose actions in response to an issue or challenge and consider possible effects of proposed actions ( <a href="#">ACHASSI081 - Scootle</a> )
		Knowledge & Understanding: Geography	The use and management of natural resources and waste, and the different views on how to do this sustainably ( <a href="#">ACHASSK090 - Scootle</a> )
	5	Inquiry & Skills: Evaluating and Reflecting	Evaluate evidence to draw conclusions ( <a href="#">ACHASSI101 - Scootle</a> )
		Inquiry & Skills: Evaluating and Reflecting	Use criteria to make decisions and judgements and consider advantages and disadvantages of preferring one decision over others ( <a href="#">ACHASSI103 - Scootle</a> )
		Inquiry & Skills: Evaluating and Reflecting	Reflect on learning to propose personal and/or collective action in response to an issue or challenge, and predict the probable effects ( <a href="#">ACHASSI104 - Scootle</a> )