

Introduction of Waste & 5Rs: Lesson 1

Stage/ Year	Early Stage One	Lesson Number	1	Duration	45 mins
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Key Learning Area(s)	Science
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Syllabus outcome/objectives(s)	Additional Key Learning Areas
<p>STe-1VA: Shows interest in and enthusiasm for science and technology, responding to their curiosity, questions, and perceived needs, wants and opportunities</p> <p>STe-4WS: Explores their immediate surroundings by questioning, observing using their senses and communicating to share their observations and ideas</p> <p>STe-9ME: Identifies that objects are made of materials that have observable properties</p>	<p>ENe-1A: communicates with peers and known adults in informal and guided activities demonstrating emerging skills of group interaction</p> <p>MAe-4NA: Counts to 30, and orders, reads and represents numbers in the range 0-30</p> <p>MAe-5NA: Combines, separates, and compares collections of objects, describes using everyday language, and records using informal methods</p> <p>MAe-6NA: Groups, shares, and counts collections of objects, describes using everyday language, and records using informal methods</p> <p>INES1.3: Relate to others in work and play situations</p> <p>V4: Increasingly accepts responsibility for personal and community health</p>

Sequence of Teaching/Learning experiences	Teaching strategies	Assessment	Resources
<p style="text-align: center;">Introduction</p> <ul style="list-style-type: none"> - What is waste? <i>Discuss the concept of waste as a class</i> → Think Pair Share: partner discussions on waste concept and anything students know about this word - Where do you think our waste goes? → Think, Pair, Share: partner discussions on where waste goes → share ideas and brainstorm as class - Show students a map of the 'waste trail' to show waste and where it goes (<i>into streams/lakes/oceans/landfill</i>) → discuss concept of landfill - What is landfill? What goes into landfill? <i>Anything that goes into the 'general rubbish' bin will go into landfill</i> → tell students: "imagine everyone put their rubbish on the school oval. Everyone at the school and all the people in the local area. It is just left there" <i>what discussion does this provoke amongst students?</i> - Discuss the 5Rs → refuse, reduce, reuse, recycle, rethink → ask students to think of examples of these. Brainstorm as a class → <i>Do you do any of these? How could you?</i> 	<p>Whole class</p> <p>Partner (TPS)</p>	<p>Students understand the 5Rs and can state one of the 5Rs and how they can perform this.</p>	<ul style="list-style-type: none"> - 5Rs sign - Maps x2 → where does waste go? → where does waste go when not in the bin? - Pre-made bin → plastic (hard) → plastic (soft) → paper → glass → toxic (<i>paint tin</i>) → metal → landfill

Sequence of Teaching/Learning experiences	Teaching strategies	Assessment	Resources
<p style="text-align: center;">Activity</p> <ul style="list-style-type: none"> - Discuss rubbish/waste <ul style="list-style-type: none"> → get the pre-made bin and the bin cards. Empty the bin → discuss each piece of rubbish and what bin it would go in and <i>why</i> → link back to map of where our rubbish goes - What would happen if we didn't put our rubbish into the right bins and put them all in the one bin? <i>It would all go to Landfill</i> 	Whole class		