

Food Waste: Lesson 3

Stage/ Year	K-2	Lesson Number	3	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-SCI-01 - Identifies and describes characteristics of living things, properties of materials, and movement</p> <p>ST1-SCI-01 – Measures and describes changes in living things, materials, movement, Earth and the sky</p>	<p>ENE-OLC-01 – Communicates effectively by using interpersonal conventions and language with familiar peers and adults</p> <p>ENE- VOCAB-01 – Understands and effectively uses Tier 1 words and Tier 2 words in familiar contexts</p> <p>EN1-OLC-01- Communicates effectively by using interpersonal conventions and language to extend and elaborate ideas for social and learning interactions</p> <p>EN1- VOCAB-01 – Understands and effectively uses Tier 1, taught Tier 2 and Tier 3 vocabulary to extend and elaborate ideas</p> <p>MAE-RWN-02 - Reads numerals and represents whole numbers to at least 20</p> <p>MAE-3DS-02 – Describes and compares volumes</p> <p>MA1-RWN-02 – Reasons about representations of whole numbers to 1000, partitioning numbers to use and record quantity values</p> <p>MA1-3DS-02 – Measures, records, compares and estimates internal volumes (capacities) and volumes using uniform informal units</p> <p>PHE-SM1-01 – Identifies and demonstrates self-management and interpersonal skills</p> <p>PH1-SMI-01 – Describes and demonstrates self-management and interpersonal skills in a range of contexts</p>

Sequence of Teaching/Learning experiences	Teaching strategies	Assessment	Resources
<p style="text-align: center;">Introduction</p> <ul style="list-style-type: none"> - Recap: <i>What is waste?</i> - Recap: <i>What are the 5Rs? How have you been doing some of these?</i> → Think, Pair, Share: partner work and then brainstorm ideas for some of the 5Rs mentioned by students - Look at the sections that we can sort rubbish into from lesson 1 → what do we do with each section? Where does it go? → what do we do with the food scraps? <i>Normally, they go into landfill!</i> - We can use one of the 5Rs with the food scraps! - Watch <i>Composting 4 Kids</i> video (see link) → while students are watching, teacher may need to explain some of the concept presented - Discuss the video and the concept of composting → Can you do this at home? Can we do this at school? - Students get their school hat and walk to the school compost bin [if applicable] <p style="text-align: center;">Activity</p> <ul style="list-style-type: none"> - Recap composting: what does it mean? What 5Rs are we using? <i>Reusing</i> - Discuss the ADAM Principles of Composting (see resource sign) → why do we need to keep the things we put into the bins diverse? → how do we keep worms (living things) alive? - Look at the active bin (<i>green lid</i>) and the finished bins (<i>red lid</i>) → what is different between these two bins? What is in each bin? → compost: <i>worms and micro-bugs eat all the food scraps and create soil (soil=worm poo!)</i> - Use plate and collect some compost with worms → students are able to look and touch worms → discuss the role of worms in the composting process - Discuss the term <i>ecologist</i> → <i>we care for everywhere we go</i> → how can we be ecologist? - Wash hands as soon as you finish this lesson <p>NOTE: If your school does not have a compost bin, this could be a talking point for your students and they can create one for the grade/school to use. Ask the canteen to support this.</p>	<p>Whole class</p> <p>Partner (TPS)</p> <p>Whole class</p>	<p>Students participate in activities.</p> <p>Students can identify two of the 5Rs.</p>	<ul style="list-style-type: none"> - <i>Composting 4 Kids</i> Video https://www.youtube.com/watch?v=Ld82F6Hm358 - School Compost Bins - ADAM principles signs - Compost turners - Plate (<i>for the worms</i>)