

Lessons and Activities offered term two 2021

 Know Waste Lesson	 Activity
<p style="text-align: center;">Packaging</p> <p>Educating children about being a Kaitiakitanga, by reducing our amount of single use packaging and teaching about alternatives. Litterless lunches presentation.</p>	<p>Beeswax wraps making or reusable sandwich bags. Flashcard activity; sorting flashcards of lunchboxes from most to least packaging. Healthiest to unhealthiest.</p>
<p style="text-align: center;">The 6 R's</p> <p>Presentation on rubbish, where does our rubbish go? Education on why we should reduce first, then recycle and reuse.</p>	<p>Waste audit at school, tally up the direct organic and non-organic waste around school and see what we can do to reduce. Set up a waste minimisation plan.</p>
<p style="text-align: center;">Composting and worm farms</p> <p>Presentation on food waste, what is organic waste and how it can break down in a compost. Look at what can and can't go into a compost. How to determine what is a healthy compost</p>	<p>Start a compost bin at the school. Schools that already have a compost bin will run a hands-on refresher at the compost bin and study what is inside. Quizzes to test children's knowledge on compost health and purposes.</p>
<p style="text-align: center;">Litter and pollution of waterways</p> <p>What is litter and how is it affecting our environment. What plastic is made from, how long it takes plastic to break down. The process of stormwater runoff affecting the marine environment.</p>	<p>Creating stormwater experiment. Students create greywater and stormwater using common pollutants and attempt to 'unpollute' the water.</p>
<p style="text-align: center;">Recycling Lesson</p> <p>Education on recycling, what each symbol means on a bottle. What happens at a recycling station? How is paper made and recycled.</p>	<p>Making recycled paper using repurposed shredded paper, water, and flower seeds. Or recycling relay game and recycling flashcard game.</p>
<p style="text-align: center;">Plastic Ocean</p> <p>The journey of plastic and other water in the ocean. Education on the affects on marine animals, the Great Pacific Garbage Patch and the issue of microplastics everywhere.</p>	<p>Plastic Soup – students create an ocean grye using provided microplastics and observe how difficult it is to clean up the mini gyre and the affects that different types of plastics have.</p>
<p style="text-align: center;">Upcycling</p> <p>The global problem of consumer waste, focusing on textile waste and fast fashion, the environmental and ethical impacts of the textile industry.</p>	<p>Create t-shirt bags out of old t-shirts. Sewing project to create a school library bag, wet bag or produce/shopping bag.</p>
 <p style="text-align: center;">Know Water lessons</p> <p>The Know Water programme runs three lessons educating about water treatment, wastewater treatment and why conserving water is important.</p>	 <p>Learning about the water cycle. Filtering drinking water activity. Making 'waster water' to show what goes down our drains. Making sand filters and attempting to purify contaminated water. Optional fieldtrip at the end.</p>