

Enviroschools Zero Waste Overview (with links):



Waste is a modern human product. There is no waste in nature; nutrients move in cycles and one organism's by-product is another's food source. It is our industrialised and consumer lifestyles that have brought 'waste' into being and created landfills to 'dispose' of it. With this understanding, it is a short step to designing systems that not only recycle but also reduce waste at source. Looking after Papatūānuku means making informed choices about wise use of all resources, to share the taonga of our environment more equitably and take better care of the world we live in.

Outcomes

- To compile a collective **Map** and **Pool of Knowledge/ Puna Mātauranga** showing thoughts and feelings about waste generated in our Enviroschool and how waste is managed
- To identify and design ways in which we can create, manage and monitor actions and projects that aim for Zero Waste.

Key Concepts


- [Waste is a modern human product](#)
- [Looking after Papatūānuku – how our current waste management system creates problems](#)
- [Designing for Zero Waste](#)

Objectives

- Awareness and Sensitivity:** to waste in the environment and our connection with it.
- Knowledge and Understanding:** about where waste comes from and the impact of waste on our Enviroschool and the wider environment.
- Skills:** to observe, question, research, monitor, solve problems and make sustainable decisions about waste.
- Attitudes and Values:** of individual and collective responsibility for reducing waste and caring for Papatūānuku.
- Participation and Action:** in creating a Zero waste Enviroschool and community.

(You will need to be logged in to the Enviroschools website Team Area to access activities via the links.)

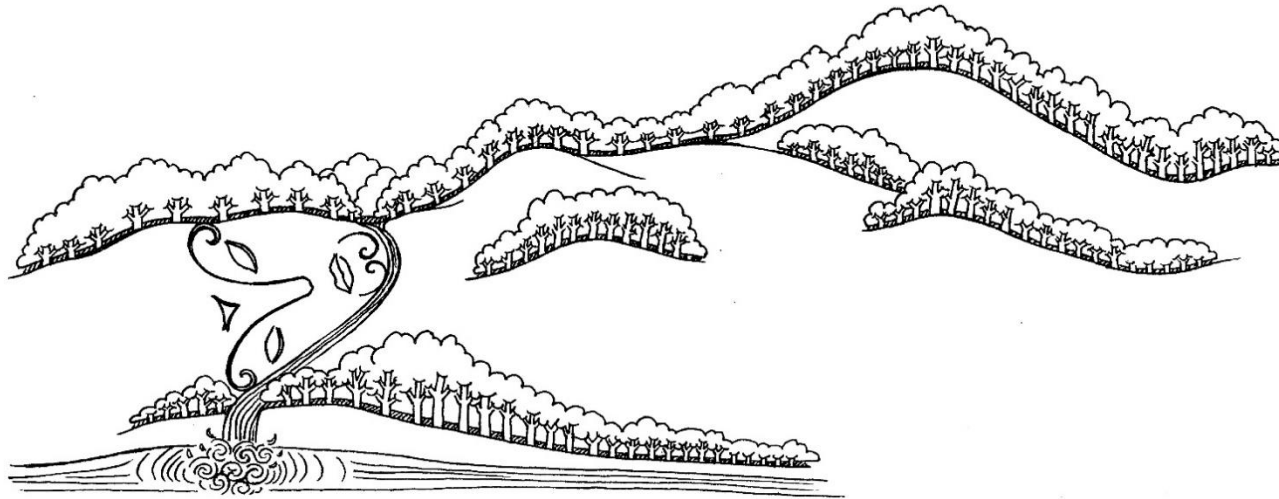


Guiding Questions	Purpose	Key Questions/ concepts	Suggested Activities	Reflective Questions
Where have we come from and what do we know now?	To determine our understanding of waste and begin building our collective knowledge.	What do we know and feel about waste?	<ul style="list-style-type: none"> • Waste brainstorm • Types of waste • Mapping Your Enviroschool's waste 	How much information do we have about waste? What questions do we have?
What can we observe?	To build on your current knowledge through what you can observe in your surroundings	Where can waste be found, in and near our Enviroschool?	<ul style="list-style-type: none"> • Carry it with you • Bury it and dig it up • Waste in a lunchbox 	Was it easy to find waste in your Enviroschool? What surprised you?
What can we learn? 	To explore the Key Concepts in Zero Waste and relate them to your Enviroschool situation.	a) Waste is a modern human product	<ul style="list-style-type: none"> • Leaf litter search • Natural cycles 	How can we replicate the cycles of nature in how we manage waste?
		b) Looking after Papatūānuku – how our current waste management system creates problems	<ul style="list-style-type: none"> • Listen • Transformers • Where does our waste go? 	Have your feelings about waste disposal changed? How?
		c) Designing for Zero Waste	<ul style="list-style-type: none"> • The 3 R's in our Enviroschools and community • Refuse to create refuse • Thinking beyond the bin • Regenerate! 	What did you learn about the whole waste stream? What products and services could your Enviroschools support?
What can we measure?	To conduct a detailed audit of the current waste situation in your Enviroschool	How much waste do we create? What types of waste are there in our Enviroschool?	<ul style="list-style-type: none"> • Waste audit 	Was the more or less waste than you thought? How did the people respond to seeing these results?

<p>What would we change if we could?</p>	<p>To recap and summarise our learning about waste in our Enviroschool.</p>	<p>What do our Map of Knowledge tell us about waste in our Enviroschool? Is this how we want it to be?</p>	<ul style="list-style-type: none"> • Making a bigger difference • Distilling the Essence 	<p>What do you need to create change, to bring about the changes you would like for waste in your Enviroschool?</p>
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This completes the process to **Identify the Current Situation**. Further your exploration, develop your ideas and plan your next steps by looking into the Enviroschools Kit to complete the Action Learning Cycle as you **Explore Alternatives**, **Take Action** and **Reflect on Change**. See below and go the Enviroschools Zero Waste Theme Area booklet for ideas.



<p>Explore Alternatives</p> <p>To expand the range of possibilities and options for action towards Zero Waste.</p>	<p>How else could it be?</p> <p>What have others done?</p> <p>What are all the actions we could take?</p> <p>What are our priorities for change?</p> <p>How will we decide?</p>	<ul style="list-style-type: none"> • Picture your vision • What if.... • Exploring Enviroschools scrapbooks and website • Checking out options • Nominal Group • Exploring project ideas • Developing criteria • Ranking, scoring & matrices PMI 	<p>How do our ideas contribute to our sustainability goals and reflect the qualities we have set out in our vision?</p> <p>Which projects come up as priorities?</p>
<p>Take Action</p> <p>To plan, design and create our Zero Waste actions!</p>	<p>What actions will bring about the changes that we want?</p> <p>Which designs will work best?</p> <p>What do we need to take action?</p> <p>Who else do we need to involve?</p>	<ul style="list-style-type: none"> • Action statements • Indicators • Planning and evaluating sustainable design • Action and design planners Task programmer 	<p>What are we going to do?</p> <p>What people and skills do we need?</p> <p>How do we communicate with others about our project/s?</p>
<p>Reflect on Change</p> <p>To look back on what we have achieved, how it went, and what difference we have made.</p>	<p>How did the project go?</p> <p>What changes and benefits have come about because of our actions?</p> <p>How will we celebrate?</p> <p>Where to from here?</p>	<ul style="list-style-type: none"> • Big picture reflection • Photo shoot • Reflect on Guiding Principles and Whole School/ Centre Approach • H forms • Planning an assessment • Sustainable celebrations • Our Enviroschools Process • Next steps • Keeping your vision alive! 	<p>How did taking the time to reflect and celebrate make us feel?</p> <p>Which aspects of our Vision are we advancing?</p>