

Waiaroha teaching topics overview

Activities can be used for all year groups but are ideal for Years 3 to 8.

Topic	Key messages	Downloadable activities
<p>1. Te hurihanga wai The water cycle</p>	<ul style="list-style-type: none"> • Water moves in a continuous cycle from mountains to sea. • Water is a shape-shifter, changing states throughout the cycle. • Water brings life to everything it touches. 	<ol style="list-style-type: none"> 1. Introduction for teachers 2. Draw a water map 3. Add words to the water cycle map 4. Colour the water cycle map 5. Make a flake 6. Walk and talk the water cycle (for students) 7. Walk and talk the water cycle (for teachers) 8. States of water word match 9. Make a waterscape 10. Find the atua of the water cycle at Waiaroha
<p>2. Ngāi wai Cool critters</p>	<ul style="list-style-type: none"> • We share our water with amazing creatures, all the way from the mountains to the sea. • They need clean, healthy habitats to thrive and breed. • Our actions affect their homes. 	<ol style="list-style-type: none"> 1. Introduction for teachers 2. Colour the critters 3. River critter life cycles 4. Weave a fish 5. Cool critters memory game
<p>3. Te rere o te wā Time traveller</p>	<ul style="list-style-type: none"> • The water in our district has changed dramatically since humans arrived. • Today, what we grow, eat, do for work and for fun is all shaped by water. • There are challenges around how we use water now and how we'll use it in the future. 	<ol style="list-style-type: none"> 1. Introduction for teachers 2. Find the Mākirikiri Stream 3. Take action together 4. Draw a water memory 5. Change on the plains

<p>4. Te wai ki tōu whare Water at your place</p>	<ul style="list-style-type: none"> • Hastings District Council collects, moves and treats water in lots of different ways so we can use it. • Learn how the council deals with drinking water, stormwater and waste water. • The mauri of the water remains – even in an urban context. • There are challenges around how we use water now and how we'll use it in the future. 	<ol style="list-style-type: none"> 1. Introduction for teachers 2. Stormwater journey 3. Stormwater bingo 4. Wastewater journey 5. Wastewater experiment 6. Drinking water journey
<p>5. Matapoporehia ō tātou wai Treasure our water</p>	<ul style="list-style-type: none"> • There is a finite amount of clean, fresh water in the world. • We can all do little things to care for our water – every action makes a difference. • We need to rethink how we use water, to ensure a safe, sustainable future. 	<ol style="list-style-type: none"> 1. Introduction for teachers 2. Grow a rain garden 3. How much water in the world? 4. Tuna and Pātiki book chat 5. Water-wise challenge
<p>6. Tō tātou mātāwainuku Our aquifer</p>	<ul style="list-style-type: none"> • An aquifer is an area of underground rock or gravel that is saturated with water. • The Heretaunga aquifer – Heretaunga Haukūnui – is the lifeblood of our district. It supplies our drinking water and helps to keep our springs and rivers flowing. • Our aquifer is vulnerable to surface pollution and over-use. 	<ol style="list-style-type: none"> 1. Introduction for teachers 2. Make a diatom mobile 3. Make a water filter 4. Make an aquifer