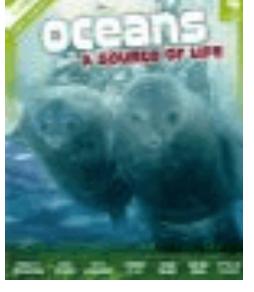


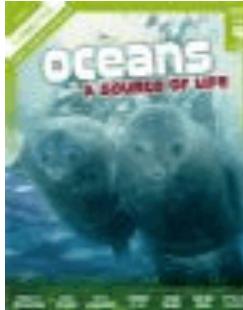
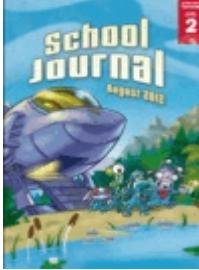
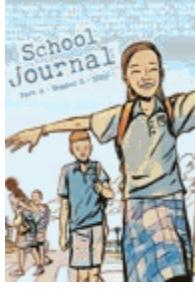
## September 2014

### Our Living Oceans

This month's theme is *Our Living Oceans*. This theme recognises the importance of the world's oceans, and celebrates the life the ocean provides and appreciates its intrinsic value.

We have tried to provide something that is a **quick reference** to school journal stories and articles to support some of your curriculum topics and themes as well as significant events. It is designed to be **short and easy to read**. We would love your feedback and suggestions for topics and themes you would like us to cover.

Curriculum Focus	Level 2	Level 3	Level 4
English AO	<b>Ideas</b> Show some understanding of ideas within, across and beyond texts	<b>Ideas</b> Show a developing understanding of ideas within, across and beyond texts	<b>Ideas</b> Show an increasing understanding of ideas within, across and beyond texts
Science	<b>Living World</b> <b>Ecology:</b> Recognise that living things are suited to their particular habitat.  <b>Planet Earth &amp; Beyond</b> <b>Interacting systems:</b> Describe how natural features are changed and resources effected by natural events and human action	<b>Living World</b> <b>Ecology:</b> Explain how living things are suited to their particular habitat and how they respond to environmental changes, both natural and human induced.	<b>Living World</b> <b>Ecology:</b> Explain how living things are suited to their particular habitat and how they respond to environmental changes, both natural and human induced.
	<b>Level 2 October 2011 P2-11</b> 	<b>L3 August 2013 10-19</b> 	<b>Connected No.4 2012 P2-4</b> 
	<b>Tiakina a Tangaroa - Protect Our Seas</b> Jill Mac Gregor  This article describes two contrasting school visits - one to an unprotected beach and one to a marine reserve. Captioned photographs help to identify all the marine creatures found	<b>59.5 Degrees South</b> Sarah Wilcox,  There are 3,500 Argo floats in our oceans. Argo floats are used by scientists to learn more about our oceans. In this article the author is involved in releasing some new argo. The article also describes the	<b>Voyage of Exploration.</b> Elinor Chisholm  In "Voyage of Discovery" students learn about the marine diversity in New Zealand's territorial waters and the process that NIWA scientists use to classify organisms.

	<p>in these areas.</p>	<p>design of an argo, how they move around oceans and send data, and how argo are adapted for different conditions.</p>	
	<p><b>CN No. 2 2001</b> <b>Pgs 22-27</b></p> 	<p><b>SL No. 1 2009 2-20</b></p> 	<p><b>Connected No. 4 2012</b> <b>P22-23</b></p> 
	<p><b>Coral reefs: an endangered paradise</b> Jill MacGregor</p> <p>A biologist who studies coral reefs in Samoa describes how poor fishing practices, natural environmental events, and tourism have affected the life of the reef. He explains how reef recovery education projects are slowly improving the reef's condition so that future generations will get the same pleasure from them.</p>	<p><b>Ika Moana</b> Ian Trafford</p> <p>Joe Heberley used to hunt whales. Now he helps with the fight to stop them becoming extinct. This book includes a recount about a whale watch expedition, interviews with Joe and with the boat driver, a retelling of the legend of Paikea, and a timeline of whaling in New Zealand.</p>	<p><b>A Source of Life</b> Alexandra Sides</p> <p>In "A Source of Life", students learn about the interconnectivity between land and sea ecosystems on Rangatira Island, a small island that is home to over 3 million seabirds</p>
	<p><b>L2 Aug 2012 12-17</b></p> 	<p><b>Cn 3 2006 18-25</b></p> 	<p><b>Pt 04 No. 3 2008 28-32</b></p> 
	<p><b>What a Disaster</b> Katie Furze,</p> <p>The environmental damage caused by the grounding of the container ship RENA on Astrolabe Reef in October 2011 has been described as New Zealand's worst-ever maritime environmental</p>	<p><b>The Secret Life of Estuaries</b> Andrew Innes</p> <p>At the part of a bay or harbour where fresh water meets salt water lies the estuary. This article explains the delicate balance of the food web that exists in a healthy estuary.</p>	<p><b>Estuary Health Check.</b> Leeanne Arnold,</p> <p>Amy and Hazel help to count the cockles in the mud flats of the Pauatahanui Inlet. As part of a group of volunteers, they are able to measure the health of the estuary. The information they gather is used by NIWA and the Wellington Regional</p>

	disaster. It is seen through the eyes of some children visiting their grandparents at Mount Maunganui.		Council, who look after the environment.
	<b>Pt 02 No. 2 2003 Pgs 10-13</b> 	<b>CN No. 3 2012 12-17</b> 	<b>Level 4 2013</b> 
	<b>The Long Walk</b> Amanda Jackson  In a conversation with her grandchild, an old lady recalls her childhood and how she and her brother walked to the sea to find kaimoana. But changes in the environment meant that Nanny and her brother had to walk further and further. In the end, it became too far to walk.	<b>New Zealand's Weather</b> Erick Brenstrum,  This article outlines the global influences on weather, with particular focus on New Zealand. It explores how oceans, continents, and icecaps influence the way air moves, heats and cools. There are maps and diagrams to support the text.	<b>The Great Barrier Reef: see it while you can!</b> Sarah Wilcox,  This article explores rising carbon dioxide levels in the atmosphere and its effect on the world's oceans and coral reefs
	<b>CN No. 1 2009 2-9</b> 	<b>L3 Sep 2012 40- 48</b> 	<b>CN No. 4 2012 24-25</b> 
	<b>Monsters of the deep</b> Philippa Werry, This article explains that there are many species of squid, distinguishes between giant and colossal squid, and summarises what we know about colossal squid to date.	<b>Jelly Fish</b> Wendy Matthews, This article is about jellyfish. It includes information about anatomy, diet, and life cycle - as well as a section on jellyfish in New Zealand.	<b>Taking the Bait</b> Kate Potter, In "Taking the Bait", students learn about the development of the Underwater Bait Setter. This device is designed to reduce the number of seabirds harmed through long-line fishing.