

# Programme Outline

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## Welcoming back a Native Treasure - Sea lions

<b>LOCATION:</b>	New Zealand Marine Studies Centre, Portobello, Dunedin
<b>PROGRAMME DESCRIPTION:</b>	<p>How do you study a furry ocean wanderer? What do you do if you see a seal or sea lion on the beach?</p> <p>NZ Hooker Sea Lions are becoming more common on the Otago Coast and interactions between them and humans are increasing. Investigate the history, biology, research techniques and conservation issues around these furry ocean wanderers. How easy is it to study these marine mammals? How should humans behave when encountering one? Use preserved specimens, sounds and DVD footage to experience these creatures.</p> <p>During this programme we also look into the conservation efforts surrounding these large local creatures and what you can do to help out.</p> <p><b>Extensions:</b></p>
<b>LEARNING OUTCOMES:</b>	<ul style="list-style-type: none"><li>▪ Students will explore the research process and scientific techniques used in the study of these marine animals.</li><li>▪ Students gain a deeper understanding of historical and current conservation issues that affect our local sea lion population.</li></ul> <p><b>Extras:</b></p>
<b>YEAR/LEVEL:</b>	Years 6-10 Levels 3-5
<b>CURRICULUM LINKS:</b>	<p><b>Nature of Science (NoS):</b> Investigating in Science, Understanding about Science, Participating and contributing.</p> <p><b>Science:</b> Science Living World, - Life processes, Ecology, Evolution, Levels 1-2; Evolution level 3</p>
<b>KEY COMPETENCIES:</b>	Relating to others, Thinking, Managing self, Using Language, symbols and text.
<b>PRE TRIP PREPARATION:</b>	No Preparation essential.
<b>RESOURCES AVAILABLE TO SUPPORT PROGRAMME:</b>	Class sets of the Rocky Shore and Sandy and Muddy Shore identification guides are available on application to the NZMSC.
<b>RELATED TOPICS:</b>	Native, local species, conservation, human impact, history.
<b>PROGRAMME COSTS:</b>	\$7 per Student (GST Excl.)
<b>PROGRAMME LENGTH:</b>	2 Hours
<b>GROUP INFORMATION:</b>	As we will be working in a University of Otago Laboratory, students must wear closed toe shoes.
<b>SAFETY ACTION PLAN:</b>	In laboratory: As per lab safety. On beach: As per field operations
<b>NZMSC CONTACT:</b>	Shelley Dixon Email: <a href="mailto:shelley.dixon@otago.ac.nz">shelley.dixon@otago.ac.nz</a> Phone: (03) 479 5843

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