

# Programme Outline

**BOOKINGS:** Email: [marine.studies@otago.ac.nz](mailto:marine.studies@otago.ac.nz)  
Phone: 03 479 5826



## Māori Fishing Technology

<b>LOCATION:</b>	New Zealand Marine Studies Centre, Portobello, Dunedin
<b>PROGRAMME DESCRIPTION:</b>	<p>This programme focuses on Māori and their dependence on Kaimoana for survival. Māori had strict rules and rituals set in place when it came to kaimoana in order to protect the fish stocks. Their focus was on sustainability both for the environment, and of their people. They will recognise that some of it is still used, and other pieces have evolved into what they will recognise today. The children will enjoy a hands-on experience examining the raw materials available, and look at how to prepare and use those materials.</p> <p><b>Extensions:</b></p>
<b>LEARNING OUTCOMES:</b>	<ul style="list-style-type: none"><li>▪ Students will gain an understanding of Māori culture and values around kaimoana and the ocean.</li><li>▪ Students will explore and examine fishing equipment using only the materials that were originally available to Māori along with comparisons with equipment used today.</li><li>▪ Students will explore the concept of sustainability within a Māori context</li></ul> <p><b>Extras:</b></p>
<b>YEAR/LEVEL:</b>	Years 4-8 Levels 3-4
<b>CURRICULUM LINKS:</b>	<p><b>Nature of Science (NoS):</b> Investigating in Science, Understanding about Science, Communicating in Science.</p> <p><b>Science:</b> Science Living World, - Life processes, Ecology, Social Sciences – Identity, culture and organization, place and environment, continuity and change.</p>
<b>KEY COMPETENCIES:</b>	Relating to others, Thinking, Understanding symbols, language 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>	Similarities, difference, comparison, grouping, communication, science research, classifying, Māori studies, local 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

The NZ Marine Studies Centre is part of the Marine Science Department, University of Otago.  
This programme is supported by the Ministry of Education's LEOTC service.  
See [WWW.MARINE.AC.NZ](http://WWW.MARINE.AC.NZ) for more programmes and resources.