

Programme Outline

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Creature Features

LOCATION:	New Zealand Marine Studies Centre, Portobello, Dunedin
PROGRAMME DESCRIPTION:	<p>This programme focuses on the concepts of similarities and differences, drawing particular attention to external features of marine organisms that can be used to help group, catalogue, and classify them.</p> <p>Students are taken along for the experience of a scientist discovering a new marine creature, and the journey to identify, classify and communicate their findings. Children will enjoy a hands-on experience of sorting and grouping various marine creatures, followed up with a tour of the aquarium tanks and a visit to the touch pools!</p> <p>Extensions:</p>
LEARNING OUTCOMES:	<ul style="list-style-type: none">▪ Students will gain a deeper understanding of how scientists work together to gather data and support their ideas and explanations of the marine environment.▪ Students will be able to identify external feature similarities and differences in order to group marine organisms. <p>Extras:</p>
YEAR/LEVEL:	Years 1-6 Levels 1-3
CURRICULUM LINKS:	<p>Nature of Science (NoS): Investigating in Science, Understanding about Science</p> <p>Science: Science Living World, - Life processes, Ecology, Evolution, Levels 1-2; Evolution level 3</p>
KEY COMPETENCIES:	Relating to others, Thinking, managing self
PRE TRIP PREPARATION:	No Preparation essential.
RESOURCES AVAILABLE TO SUPPORT PROGRAMME:	Class sets of the Rocky Shore and Sandy and Muddy Shore identification guides are available on application to the NZMSC.
RELATED TOPICS:	Similarities, difference, comparison, grouping, communication, science research, classifying
PROGRAMME COSTS:	\$7 per Student (GST Excl.)
PROGRAMME LENGTH:	1.5 – 2 Hours
GROUP INFORMATION:	As we will be working in a University of Otago Laboratory, students must wear closed toe shoes.
SAFETY ACTION PLAN:	<p>In laboratory: As per lab safety</p> <p>On beach: As per field operations</p>
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The NZ Marine Studies Centre is part of the Marine Science Department, University of Otago.
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See WWW.MARINE.AC.NZ for more programmes and resources.