

Programme Outline

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Suckers and Tentacles

LOCATION:	New Zealand Marine Studies Centre, Portobello, Dunedin
PROGRAMME DESCRIPTION:	<p>Which creatures have suckers and tentacles? Investigate the mollusc world and then we will focus in on cephalopods – octopus and squid. We will investigate a host of questions using preserved and live specimens. We will also dive into looking at the insides of a cephalopod and dissect a squid to understand some of its amazing adaptations. There is a component of environmental sustainability linked in with this programme,</p> <p>Extensions:</p>
LEARNING OUTCOMES:	<ul style="list-style-type: none">• Students will gain an understanding of the cephalopod marine creatures.• Students will be able to identify the internal features of squid and octopus• Students will extend their experiences with marine creatures <p>Extras:</p>
YEAR/LEVEL:	Years 5-9 Level 3-5
CURRICULUM LINKS:	Nature of Science (NoS): Investigating in Science, Participating and contributing Science: Science – Living World – Evolution, Ecology and Life processes levels 1-4
KEY COMPETENCIES:	Managing Self, Thinking, Participating and contributing
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:	Marine conservation, sustainability, species, cephalopods
PROGRAMME COSTS:	\$9 per student – includes dissection (GST Excl.)
PROGRAMME LENGTH:	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.