

Programme Outline

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Seashore Scramble (Marine Metre Squared)

LOCATION:	New Zealand Marine Studies Centre, Portobello, Dunedin, or a shore near you.
PROGRAMME DESCRIPTION:	<p>This programme focuses on what lives beneath the waves of our ocean, along with what lives up on our seashores. We take a look at how these animals have adapted to live where they do.</p> <p>Students become detectives of the seashore by completing a Marine Metre square, where we get a look into the abundance and diversity of life living on our local shores. Our MM2 project encourages children to see monitor the life on our shores, and gives them a hands-on experience of identifying, grouping and communicating their findings with wider audiences.</p> <p>Extensions:</p>
LEARNING OUTCOMES:	<ul style="list-style-type: none">▪ Students will gain a deeper understanding of the environment that our sea creatures live in.▪ Students will be able to identify marine creatures, and understand more about their abundance, location and diversity.▪ Students will be able to participate in a citizen science project. <p>Extras:</p>
YEAR/LEVEL:	Years 1-8 Levels 1-4
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, 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:	Citizen science, Marine metre square, Identifying marine life, diversity,
PROGRAMME COSTS:	\$7 per student (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>
NZMSC CONTACT:	<p>Shelley Dixon</p> <p>Email: shelley.dixon@otago.ac.nz</p> <p>Phone: (03) 479 5843</p>

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.