



**Primary Programmes**

# Marine Discoveries for Schools

**Join scientists and wildlife at the NZ Marine Studies Centre**

Get hands-on with live species, work in University laboratories and get access to local marine coastlines.

In 2022, the NZ Marine Studies Centre offers both onsite and online programmes to support Early-childhood and Primary learning.

For further details phone 03 479 5826  
or see our website: [www.marine.ac.nz](http://www.marine.ac.nz)

# Primary Programmes 2022

*Our programmes are hands-on and designed to captivate learners and immerse them in scientific thinking and doing. Programmes align with NCEA and some programmes can be combined to make full-day field trips.*

## **Online Live from the Shore! – Levels 1-5**

Join a marine scientist on an exploration of the local coastline while it is live-streamed directly to your classroom. Ask questions and learn great stories to tell your own whānau next time you go on a seashore scramble. *\$60 (GST excl.) per hour, tide dependent.*

## **Online Live from the Fish Tank! – Levels 1-5**

Join a marine scientist and encounter the weird and wonderful adaptations found in the touch tanks. Live-streamed directly to your classroom, students will be encouraged to play along and compare their own adaptations to their distant swimming relatives. *\$60 (GST excl.) per hour.*

## **Ocean Caretakers – Levels 3-5**

Why are humans concerned about plastics? How does it affect our moana? Investigate the local seashore through a Litter Intelligence survey and get up and close to the creatures that live along the coastline. Learn what you can do to be kaitiaki of the coastlines. *2 hrs. Tide dependent. \$7 per student (GST excl.)*

## **Sharks: inside and out – levels 4-7**

This programme will explore what makes a shark a shark. Find out what species of shark are found in the local areas of the Otago Harbour and off the coast and how they are different from each other. Discover how scientists gather data about sharks and what this information tells us. Explore the external and internal anatomy of a shark and examine the unique features and adaptations it has to survive. *2 hrs. \$7 per student or \$9 with dissection (GST excl.)*

## **Creature Features – Levels 1-3**

There's a mystery animal to be found! Investigate how scientists classify common marine animals into mollusc, echinoderm and crustacean family groups. Have a go at doing it yourself. To which family does the mystery animal belong? *1.5-2 hrs. \$7 per student (GST excl.)*

## **Seashore Scramble (Marine Metre Squared) – Levels 1-4**

Uncover the secrets on the seashore by peeking under rocks and in tide pools. Investigate and understand why marine animals live where they do. Find the crabs, snails, seaweed, and other animals that live on the shore. Use shore survey techniques and equipment. *2 hrs. Tide dependent. \$7 per student (GST excl.)*

## **Science in the Sea – Levels 2-4**

What does a marine scientist do? How do scientists study the sea? Touch and explore the wall of Taonga Moana, learn what research happens at the University of Otago Department of Marine Science, use tools scientists have to study the ocean, run a guided experiment. Uses video clips, iPads, microscopes, models, live creatures. *2 hrs. \$7 per student (GST excl.)*

## **Supper in the Sea – Levels 2-4**

Marine food webs – who eats who in the ocean? Discover how local sea creatures are adapted to catch their food, avoid predators and stay alive. Explore issues regarding sustainability and human impact on the oceans. Uses microscopes and live animals. *2 hrs. \$7 per student or \$9 with dissection (GST excl.)*

## **Māori Fishing Technology – Levels 3-4**

Investigate the relationship between Tangaroa and Tane and discover connections between kaimoana species and traditional collection methods. Make a poha and find where raw materials come from to make tools to collect food. *2 hrs. \$7 per student (GST excl.)*

## **Suckers and Tentacles – Levels 3-5**

What has suckers or tentacles? Investigate the mollusc world and then focus in on cephalopods – octopus and squid. Investigate questions using preserved and live specimens. Dissect a squid to understand its amazing adaptations. Consider some difficult issues around sustainably fishing for squid. *2 hrs. \$9 per student – price includes \$2 for dissection (GST excl.)*

## **Deep Sea Denizens – Levels 3-5**

What is the Deep Sea like? What animals live there and how do they survive? Investigate the challenges facing Deep Sea biologists as they try to understand the deep. Look at preserved Deep Sea specimens and take a virtual dive in our Yellow Submarine. *2 hrs. \$7 per student (GST excl.)*

*Please note: the prices quoted are for NZ schools only and do not include GST. We are happy to adapt these programmes for other interested groups.*