

Programme Outline

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Supper in the Sea

LOCATION:

New Zealand Marine Studies Centre, Portobello, Dunedin

PROGRAMME OVERVIEW

This programme investigates the different feeding groups or trophic levels in the ocean, how they are all connected to each other, and the adaptations they have to aid their survival. Based at NZMSC in Portobello, students will be discovering the senses and protective features of various sea creatures. They will be looking closely into how animals eat, what they eat, how they find their food and how they protect themselves. Students will use this information to build a marine food web.

Extensions: For middle to senior primary we offer a dissection that looks closely at a local marine predator (e.g. shark or squid). A seashore visit, to look at feeding strategies of local species, can also be added to the programme if the tide is suitable.

LEARNING OUTCOMES:

- Students will be able to describe the unique adaptations that some of the local marine creatures have to survive
- Students will be able to model a food chain and/or a food web and explain the connections between the animals
- Students will be able to explain what it means if a creature is a predator, scavenger, grazer, producer and filter feeder

YEAR/LEVEL:

Years 4-8 Levels 2-4

CURRICULUM LINKS:

Nature of Science (NoS): Nature of Science (NoS): Understanding about science, Participating and contributing
Science: Living World – Ecology and Life processes

KEY COMPETENCIES:

Thinking, managing self

PRE TRIP PREPARATION: No Preparation essential, but specific resources are available on our website.

RESOURCES AVAILABLE TO SUPPORT PROGRAMME: Supper in the Sea resources available on our website www.marine.ac.nz under resources to download.

RELATED TOPICS:

Marine, food webs, adaptations, relationships, human impact, survival.

PROGRAMME COSTS:

\$7.00 per student + \$2.00 per student for optional dissection (GST excl)

PROGRAMME LENGTH:

2 – 2.5 hours

GROUP INFORMATION:

As we will be working in a University of Otago Laboratory, students must wear closed toe shoes.

Health and Safety Information see: <https://www.otago.ac.nz/marine-studies/learning/otago110566.pdf>

NZMSC CONTACT:

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