

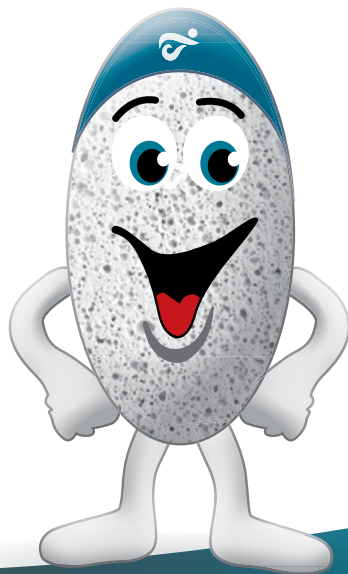
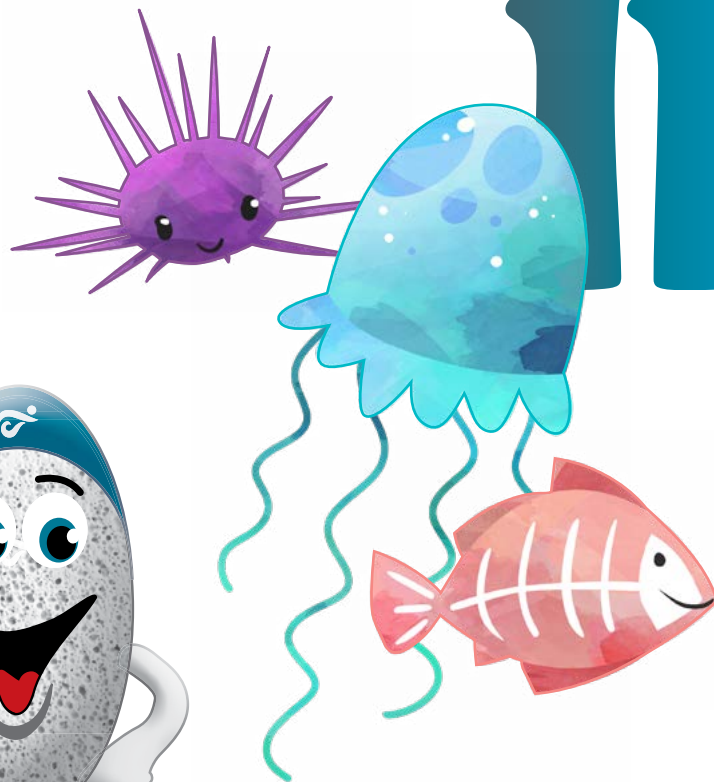
BEACH

WATER SKILLS FOR LIFE

MARINE LIFE

MODULE

11



8 LESSONS

LEVEL 1



SUPPORTED BY



He Kaupare. He Manaak
He Whakaora.
prevention. care. recovery



MARINE LIFE

DESCRIPTION

This module gives students the opportunity to explore oceans and ocean life. After locating the earth's major oceans on a world map, students will "dive underwater" to discover the plants and animals that live in the sea.

ACHIEVEMENT OBJECTIVES

Science

Nature of Science

Communicating in science: Build their language and develop their understandings of the many ways the natural world can be represented.

Living World:

Life processes: Recognise that all living things have certain requirements so they can stay alive.

Ecology: Recognise that living things are suited to their particular habitat.

Evolution: Recognise that there are lots of different living things in the world and that they can be grouped in different ways. Explain how we know that some living things from the past are now extinct.

Planet Earth & Beyond

Interacting systems: Describe how natural features are changed and resources affected by natural events and human actions

Listening, reading & viewing

Ideas: Recognise and identify ideas within and across texts.

- Understands that personal experience can influence the meaning gained from texts
- Makes meaning of texts by identifying ideas in some texts

Speaking, writing & presenting

Purposes and audiences: Recognise how to shape texts for a purpose and an audience.

- Constructs texts that demonstrate some awareness of purpose and audience through appropriate choice of content, language, and text form
- Expects the texts they create to be understood, responded to, and appreciated by others

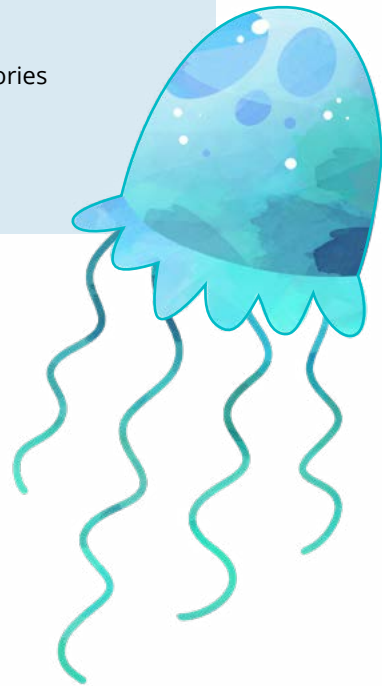
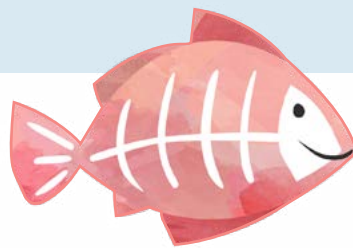
Arts

Visual Art

Understanding the visual arts in context: Share ideas about how and why their own and others' works are made and their purpose, value, and context.

Developing practical knowledge: Explore a variety of materials and tools and discover elements and selected principles.

Communicating and interpreting: Share the ideas, feelings, and stories communicated by their own and others' objects and images.



LEARNING INTENTION

- Students will listen to videos, stories and poems with ocean settings and learn about the forms of sea life featured in each
- Students can add their own artwork and text about ocean animals and plants to a cut-away ocean display

SUCCESS CRITERIA

- Understand the importance of ocean life and the ocean environment
- Interact with online technology to view, describe, and discuss different sea life
- Research ocean life and report on findings

KEY COMPETENCIES

Participating and Contributing:

- Contribute ideas to class discussions
- Participate in all lesson activities

Managing Self:

- Complete all tasks/activities in a timely manner
- Listen carefully to lesson content

Thinking:

- Recall facts about marine life studied

Using language, symbols and texts:

- Write facts about marine life
- Engage with video and book content to learn about marine life

Relating to others:

- Respond positively to ideas and work produced by others

RESOURCES

Internet, devices: TV or active board, ebooks/videos about marine life, google cardboard headsets, art equipment, fact sheets, Youtube 360° marine life videos, Kahoot! quizzes

ASSESSMENT ACTIVITIES

- Class discussions
- Students create a fact sheet for a chosen marine animal which details their habitat, food source and predators
- Create pieces of artwork for a display

LESSON

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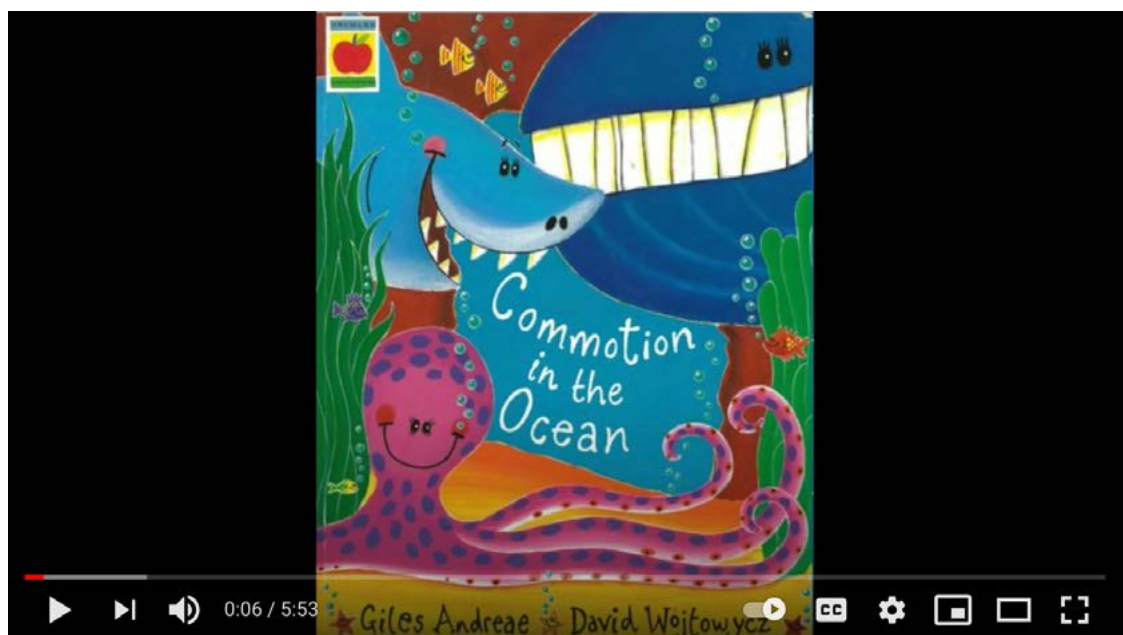
Tuning In

Introduce the Marine Life topic to the class and show the class the previously prepared ocean display. **Explain** to the students that they will be learning about a few different types of marine life and add artwork and interesting facts about marine life to the display to share with others.

Discuss the different forms of sea life students know about and/or have seen – add students' ideas to a virtual mind map (Mindmup) using pictures and words.

Show the students the [Commotion in the Ocean](#) eBook which features short poems about a range of marine life.

Show students a map of the world's oceans and discuss in particular the oceans around New Zealand.



Starfish

Discuss students' previous experiences with starfish. Ask them: Have you ever seen a starfish in real life? What is a place where people commonly see starfish? Do you know any interesting information/facts about starfish?

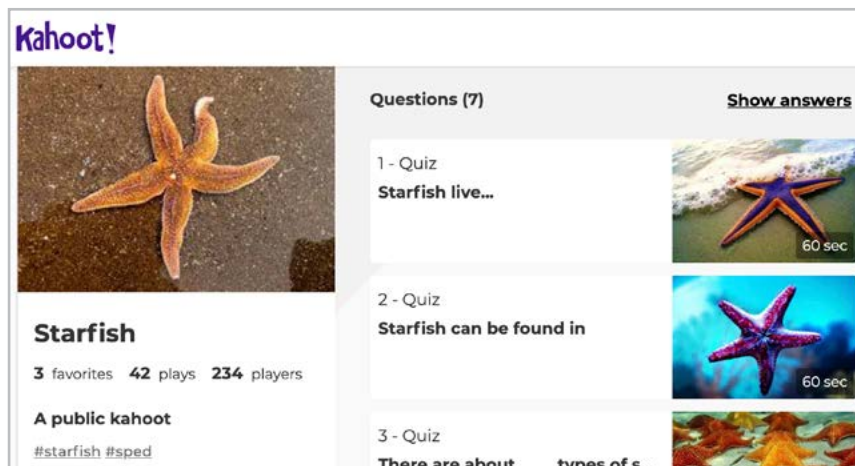
Show the [students the Starfish – Read Aloud Science Book](#) or **read** them another suitable book on hand about starfish. **Discuss** the interesting facts they have learnt about starfish including their habitat, food source and any known threats. **Ask** the students to buddy up and together choose one interesting fact about starfish to write on a cloud (or another shape) to add to the class marine display.



Activity:

Starfish Kahoot!

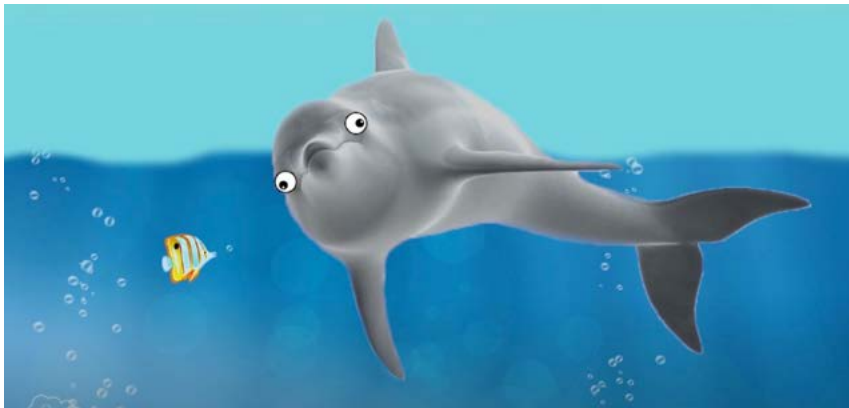
Play Starfish Kahoot! with the students to test/ help them learn more interesting information about starfish.



Dolphins

Discuss students' prior knowledge about dolphins. **Ask them:** Have you ever seen a dolphin in real life? What is a place where people commonly see dolphins? Do you know any interesting information/facts about dolphins?

Watch the video [INTERESTING FACTS: DOLPHINS](#) then discuss as a class the information they found interesting about dolphins including their habitat, food source and any known threats. **Ask** students to write an interesting fact onto a cloud (or another shape) to put onto the cut away ocean display.



Activity: VR Dolphin Experience

Using google cardboard headsets and smartphones, **watch** the [Wild Dolphins VR / 360° Video Experience](#) and brainstorm words to describe how dolphins look and move in the water.



Octopus

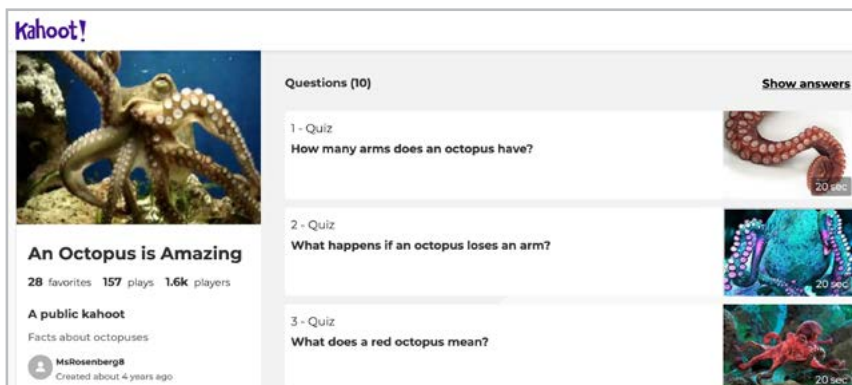
Discuss students' prior knowledge about octopuses. **Ask them:** Have you ever seen an octopus in real life? What is a place where people commonly see octopuses? Do you know any interesting information/facts about octopuses?

Show the students [Octopuses for Kids video](#) (or another suitable book or video) to discover interesting facts about octopuses. In particular, draw students attention to the type of animal an octopus is (a mollusc) to broaden students' knowledge of how some animals are alike but live in different habitats e.g. snails/octopuses.



Activity: Octopus Kahoot!

Play [An octopus is amazing Kahoot](#) with the students to test/ help them learn more interesting information about octopuses.



Sea Turtles

Discuss students' prior knowledge about sea turtles. **Ask them:** Have you ever seen a sea turtle in real life? What is a place where people commonly see sea turtles? Do you know any interesting information/facts about sea turtles?

Watch the [Sea Turtles video](#) (or another suitable book or video) to discover interesting facts about sea turtles. In particular, discuss their habitat, food source and any known threats. Ask students to write an interesting fact onto a cloud (or another shape) to put onto the cut away ocean display.



Activity:VR Sea Turtle Experience

Using google cardboard headsets and smartphones, **watch** the [VR Sea Turtle Experience](#) and **brainstorm** words to describe how turtles look and move in the water.



Marine Life Art / Discuss Overall Learning

Provide students with a range of art materials and **ask** them to produce a piece of art depicting one of the marine animals they have studied during this module. Once finished, **ask** the students to share their artwork with their peers explaining why they chose that particular marine animal and also their selection/style of art materials. **Allow** students to give feedback/forward to each other and express how their own and others art makes them feel. Add the artwork to the marine life display. Examples of artwork could include: recycled materials, collage, stuffed paper art.

Activity: Fact Sheet:

Discuss overall learning resulting from this module. Ensure students understand the habitats, food sources, and predators of each animal studied (especially the one they have chosen to produce art for).

Ask students to add this information to a fact sheet to go along with their artwork.

