

# TOGETHER FOR OUR MOANA - WE'RE SHAPING OUR FUTURE

## NGĀ MANU O TE MOANA / SEABIRDS

### Overview

Find out about Aotearoa is such a special place for Ngā Manu O Te Moana / seabirds.

## NZ CURRICULUM LINKS:

Learning areas:	Achievement objectives:
<b>Te Ao Māori</b> Te reo (language), tikanga (customs and traditional values)	By learning te reo Māori, students are able to participate with understanding and confidence in situations where te reo and tikanga Māori predominate and to integrate language and cultural understandings into their lives ; strengthen Aotearoa New Zealand's identity in the world.
<b>English</b>	Listening, Reading, Viewing
<b>Science</b>	Noticing / observing

### Learning intention

Tamariki are learning to notice bird life around the ocean and understand the importance of the ocean to many manu / birds.

### Success criteria

Children can name and recognise some common sea birds.

# LEARNING SEQUENCE

Based on the Inquiry model



## Inspire

Provoke curiosity and wonder



## Explore/Educate

Gather information  
Use / apply learning



## Activate

Reflect and act

### Background information for teachers:

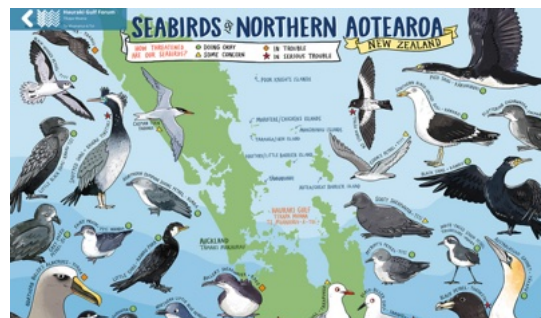
Tkapa Moana / the Hauraki Gulf is one of New Zealand's outstanding areas of seabird and marine biodiversity.

Aotearoa is ideally suited to seabirds, surrounded by productive oceans, with a wide variety of breeding habitats, and having been isolated from mammalian predators for millions of years before human arrival. New Zealand has great seabird diversity with 85 breeding species, of which 36 are endemic species (42%) breeding nowhere else in the world. There are only 359 known seabird species worldwide, approximately a quarter of which breed in New Zealand and 10% are endemic to New Zealand breeding grounds, making the country a world centre of seabird diversity.

All seabirds breeding in New Zealand are fully, or in a few cases partially, protected under the Wildlife Act 1953 and its amendments. Seabirds in the Wider Hauraki Gulf Region (WHGR) breed on a large number of island and coastal sites that are administered by the Department of Conservation (DOC), regional authorities, private landowners, and local iwi.

#### POSTERS

- [Nga Manu Moana](#)
- [Seabirds of Northern NZ](#)
- [Tidal Rhythms](#)
- [Seabirds of the Hauraki Gulf](#)
- [Forest and bird seabird guide](#)



# LESSON PLAN

## Ngā manu o te moana / sea birds

Teachers are encouraged to choose and adjust activities to suit the learning needs and interests of their tamariki.



### Inspire

 Allow approximately 20 mins

- **FACTS** - Look at the ten facts about seabirds and then go to the following link on on What's that shorebird? How many have you seen?
  - How do you think ornithologists (scientists who study birds) know which bird is which?
  - Which bird do you like the best? Why? Discuss with a partner.



- If you haven't already **WATCH** this YOE video and learn about Titi / Hutton's Shearwater



*Video is 7:34 minutes*



## Educate

 Allow approximately 30 mins

Find out more about sea birds.

- **Watch** - Young ocean explorers [Seabirds & Whales video](#)

*Video is 5:32 minutes*

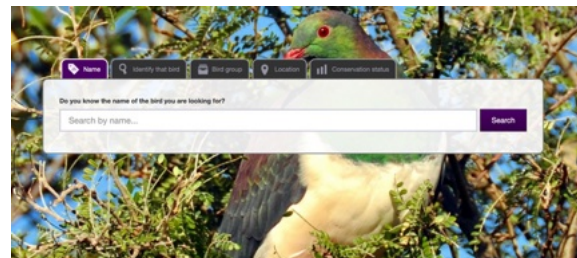
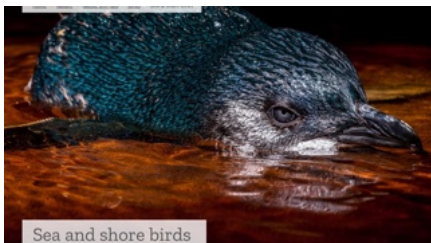


- **Inquiry Research**

In small groups look at the bird picture you have identified on page 1.

- What is it called? See if you can find out the common name, Māori name and scientific name.
- Where does it live?
- Find out how humans affect that seabird.
- Is anything being done to protect them already?
- How can we reduce the effects of humans on seabirds?

Useful resources for research: [DOC sea and shore birds](#) and [NZ birds online](#)





## Activate

 *Timing will vary*

# DAILY ACTION



**MAKE A DIFFERENCE** for our moana - pick up at least 1 piece of kirihou / plastic each day. [Log how many pieces your class picks up on the Young Ocean Explorers website.](#)

- **Go outside.**
  - Which birds can you see?
  - Do you see any sea birds?
  - Can you hear any birds?
  - What else can you hear?
- **Create** a set of fact cards of as many sea birds as you can (image & facts).

# EXTRA LEARNING IDEAS AND RESOURCES

## Posters to explore

- [Nga Manu Moana](#)
- [Seabirds of Northern NZ](#)
- [Tidal Rhythms](#)
- [Seabirds of the Hauraki Gulf](#)
- [Forest and bird seabird guide](#)

## Watch

- [Watch the story of Maui and Tieke](#) (the Saddleback bird). Can you write or tell a story about how one of the seabirds came to look like it does? Create your own legend.
- Video from the seabird trust - [Across all realms - our seabird taonga.](#)

*Video is 6 minutes*



## Extra

- [Science learning Hub activity - birds and planes](#) - investigating flight.
- Song - [save our seabirds by Hiwi the Kiwi](#), plus advice from KCC for how to keep seabirds safe when fishing.

*Video is 3 minutes*

