

Activity Title:

'Coasties' Dune Community Bingo

Focusing question

What are some good (native) plants and animals associated with Bay of Plenty dunes?

Resources required

Copying: create copies of the Bingo picture cards and game boards (photocopy and cut). Make enough for one set per group of four students. For a more durable game, either laminate the cards, or glue the printed sheets onto cardboard before cutting.

Prior learning

2a Native Dune Plants – who lives where and why?

2g (i) Coastal Wildlife Overview

Notes

Level 1-2 students may find it easier to work from game boards which contain the matching picture as well as words.

Level 4 students may prefer to play this game as a 'Memory' or 'Concentration' version. To prepare this version, duplicate sets of the picture cards are copied and cut out. The game boards are not used.

Method

- 1 Tell a story that includes some of the native plants and animals associated with dunes.
- 2 The objective of this activity is to become familiar with some of the native plants, birds and other wildlife associated with dunes in the Bay of Plenty.
- 3 Some of the animals on the cards are seen often (common) and others are rarely seen (rare species). Why?
- 4 It may be helpful to go over pronunciation of the names on the cards with the class before starting the game. This could be done by projecting a digital image of the cards for class discussion.
- 5 Divide the class into groups of four students each. Distribute one playing set to each group.
- 6 Explain the method of play:
 - Each player takes one game board. The picture cards are shuffled and placed upside down in the centre of the group.
 - Players take turns choosing a card from the middle, and reading aloud the name of the plant or animal. If the card matches what is on their

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Environmental Education Aspect:

About the environment

Environmental Education Concept:

- Biodiversity

Curriculum Links:

- Science

Suggested Curriculum Level:

Level 1 – 4

SUSTAINABILITY TIP!

Laminate cards for future re-use. Alternatively, paste them onto a cardboard backing.



game board, they keep it – placing it face up on their game board. If the card does not match, it is shown to the group, and then replaced face down in the middle (do not reshuffle). Play then passes to the next player on the right.

- The winner is the first person to match all the pieces on their board.
- Play continues until all the picture cards have been matched up with the game boards.
- Players should swap game boards for subsequent rounds.

Possible next steps

- 2I (ii) Coasties – Dune Community Bingo including pests





Pīngao
Golden sand sedge



Mokomoko
Gecko



Tī kōuka
Cabbage tree



Matā
Seashore earwig



Whau
Corkwood



Tūturiwhatu
NZ dotterel



Tōrea pango
Oystercatcher



Pōhutukawa



Tara
Tern



Kōwhangatara
Spinifex



Katipō



Pōhuehue
Wire vine





Karoro
Black backed gull



Nihinihi
Shore bindweed



Sand scarab grub



Harakeke
Flax



Mumutawa pango
Sand scarab beetle



Tarakupenga
Sand coprosma



Autetaranga
Sand daphne



Tarāpunga
Red billed gull



Toetoe



Kekeno
NZ fur seal



Wiwi
Knobby club rush



Pepe para riki
Copper butterfly

Acknowledgement of photo source for bingo cards:
Department of Conservation: Pingao, Katipo
Department of Conservation (Janice McKenna): White-fronted tern
Michael Collins: Gecko, NZ dotterel, Oystercatcher, Black backed gull, NZ fur seal
Neil Hutton: Sand scarab beetle
(All other photos supplied by Coast Care)

<p>Pīngao Golden sand sedge</p>	<p>Mokomoko Gecko</p>	<p>Ti kōuka Cabbage tree</p>
<p>Matā Seashore earwig</p>	<p>Whau Corkwood</p>	<p>Tūturiwhatu NZ dotterel</p>



<p>Tōrea pango Oystercatcher</p>	<p>Pōhutukawa</p>	<p>Tara Tern</p>
<p>Kōwhangatara Spinifex</p>	<p>Katipō</p>	<p>Pōhuehue Wire vine</p>

Game boards

<p>Karoro Black backed gull</p>	<p>Nihinihi Shore bindweed</p>	<p>Sand scarab grub</p>
<p>Harakeke Flax</p>	<p>Mumutawa pango Sand scarab beetle</p>	<p>Tarakupenga Sand coprosma</p>



<p>Autetaranga Sand daphne</p>	<p>Tarāpunga Red billed gull</p>	<p>Toetoe</p>
<p>Kekeno NZ fur seal</p>	<p>Wiwī Knobby club rush</p>	<p>Pepe para riki Copper butterfly</p>