

91010R



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

Level 1 Geography, 2019

91010 Apply concepts and basic geographic skills to demonstrate understanding of a given environment

2.00 p.m. Friday 8 November 2019
Credits: Four

RESOURCE BOOKLET

Refer to this booklet to answer the questions for Geography 91010.

Check that this booklet has pages 2–8 in the correct order and that none of these pages is blank.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

RESOURCE A: Introducing Cape Kidnappers

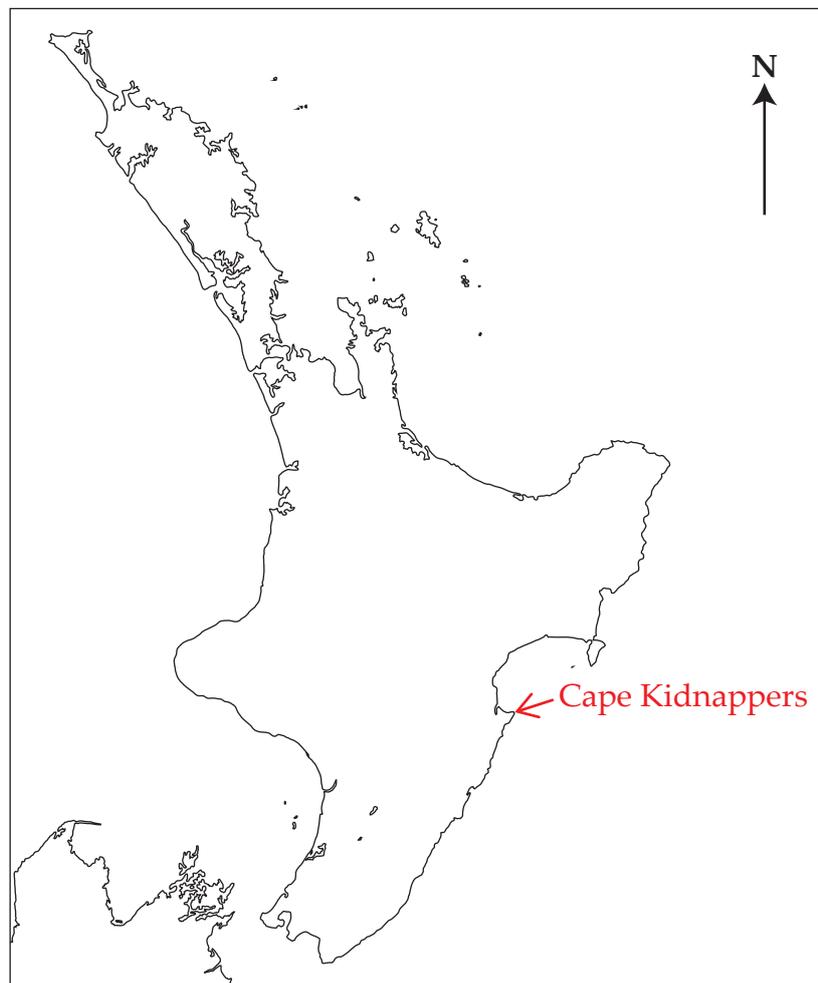
Cape Kidnappers is a stunning peninsula in Hawke's Bay, in the North Island, New Zealand. Its Māori name is Te Kauwae-a-Māui ("the fishhook of Māui"). In Māori mythology, Te Kauwae-a-Māui is the tip of the fishing hook that Māui used to pull up the North Island / Te Ika-a-Māui ("the fish of Māui").

The peninsula's English name is linked to an incident during Captain Cook's 1769 voyage to New Zealand. Māori traders seized a Tahitian cabin boy on Cook's ship who they believed was being held against his will. When Cook's men fired on the Māori canoe, the cabin boy escaped and returned to the ship.

The iconic pale cliffs of Cape Kidnappers can be seen from many kilometres away, and are especially eye-catching in the late afternoon sun. The cliffs contain layers of rock and numerous fault lines that tell a story of how the peninsula has been formed over thousands of years. The cliffs can also be seen from close range during low tide, especially when people use the access along the beach to view the world's largest mainland gannet colony. This colony is found at the easternmost point of the peninsula.

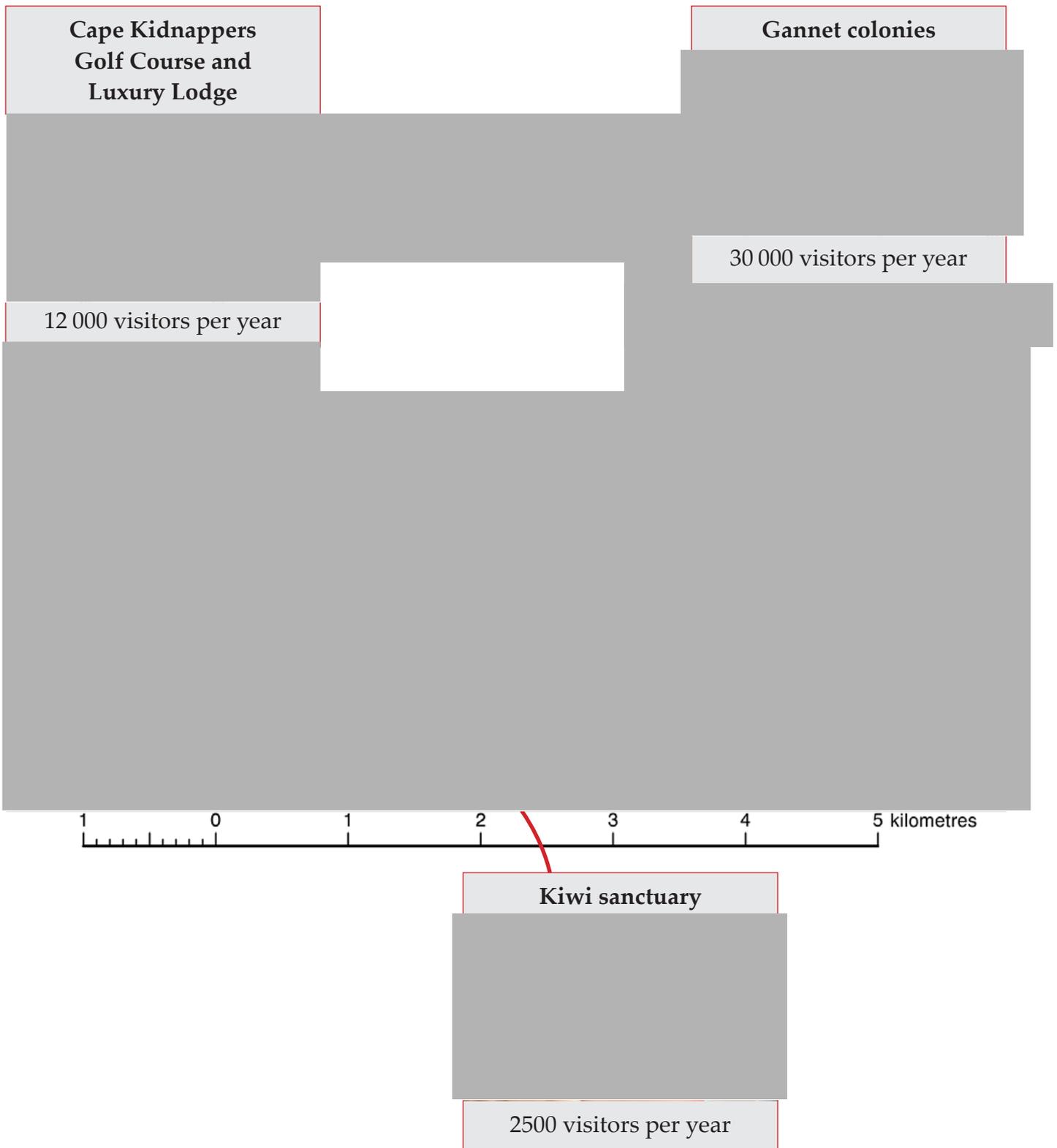
Further inland from the coastal cliffs, the surrounding area offers a diverse range of attractions for tourists. These include a kiwi sanctuary, luxury lodge, and one of the most picturesque golf courses in the world.

Location of Cape Kidnappers / Te Kauwae-a-Māui



RESOURCE B: World Hemispheres

RESOURCE C: Topographic map and tourist information at Cape Kidnappers (2018)



RESOURCE D: Transport types to access the Saddle Gannet Colony

A 1-hour trip from Clifton in an air-conditioned coach

Enjoy the comfort from the road!

1 ½ hours along the beach from Clifton on a custom-made trailer, including stops to learn about the environment

Rough it a bit and don't get your feet wet!

2-hour walk from Clifton along the dynamic coast

You'll need sunscreen, hats, and plenty of water. Don't get caught by the tide!

10-minute flight with incredible views of the iconic landscape

Enjoy the luxury and speed!

RESOURCE E: Sustainability at Cape Kidnappers

Erosion at Cape Kidnappers causes problems



Before slip

After slip



RESOURCE E (continued)

World-renowned golf course focused on environment

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Battle for the birds

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Acknowledgements

Material from the following sources has been adapted for use in this examination:

Resource B

Image: https://mvgeography.weebly.com/uploads/9/1/9/2/9192634/88989_orig.gif

Resource C

Map: <https://www.topomap.co.nz/>

Kiwi: <https://www.robertsonlodges.com/library/cape-kidnappers/activities/kiwi-walk/20091107-cape-kid-kiwi-walk-0759.jpg>

Golf: <http://www.caddiemag.com/wp-content/uploads/2017/05/caddie-magazine-at-cape-kidnappers-www-56.jpg>

Gannets: <https://ssl.c.photoshelter.com/img-get/I00009zZlJPfNiec/s/850/850/20111104-newzea-1755-Edit.jpg>

Resource D

Bus: <https://www.travelingmom.com/wp-content/uploads/2012/01/NZGannetSafaris.jpg>

Tractor: http://www.ballinamotel.co.nz/Assets/Images/thingstodo/hastings/940_gannet_beach_1.jpg

Walkers: <https://www.napiernz.com/assets/Image-Gallery/walkingonthebeach.jpg>

Helicopter: https://www.hawkesbaynz.com/assets/Uploads/_resampled/ScaleWidthWyl4MDAiXQ/bay-heliwork-2.jpg

Resource E

Text 1: https://www.nzherald.co.nz/the-country/news/article.cfm?c_id=16&objectid=12130841

Slip (before): <http://www.2kiwis.com/wp/wp-content/uploads/2018/05/IMG-1947.jpg>

Slip (after): <https://www.foodwatertravel.com/wp-content/uploads/2018/11/20181105-Cape-Kidnappers8305.jpg>

Text 2: <http://www.agrecovery.co.nz/world-renowned-golf-course-focused-on-environment/>

Raking: <https://careersmatch.careerswales.com/media/resources/foto/wad4-e.jpg>

Spraying: https://www.bayjournal.com/article/report_finds_evidence_of_toxic_contaminants_impacting_fish

Text 3: <http://www.haumoana.com/pages/capesanctuary.html>

<https://www.doc.govt.nz/our-work/battle-for-our-birds/kiwi-and-predators-facts-and-figures/>

Possum: <http://www.purangikiwi.co.nz/wp-content/uploads/2016/08/possum-eating-egg.jpg>