

Something Beyond

Student Map-Making in Māori Studies

Ocean Mercier

Te Kawa a Māui / School of Māori Studies

ATLAANZ 2016: Whakatū, Whakahou

Victoria

UNIVERSITY OF WELLINGTON

*Te Whare Wānanga
o te Ūpoko o te Ika a Māui*













Why Mapping?

- Visual learning
- Spatial representation
- ‘Cultural mapping’ ties human activity to the landscape
- With maps, Māori can re-embed their interactions with the land into a medium historically used to alienate land from them
- Spatial turn in history, digital turn in humanities
- Digital mapping is now ubiquitous (eg Google Maps)
- ‘06/’07 inspired by Alaska Native Knowledge Network Cultural Atlases



Te Kawa a Māui Atlas – Aims

- To **engage** students with (Kuh 2008):
 - actively contested questions
 - empirical observation
 - cutting-edge technologies
 - the sense of excitement that comes from working to answer important questions
 - group and ‘community’ projects
 - undergraduate research
- And...
 - Māori Studies, re-envisioned
 - the decolonisation project
 - the land (these are digital natives after all)
- What is ‘student engagement’? *If it ties in to **something beyond the assignment***. M Harcourt, 2012

Learn OG Place Names and Kōrero

Google Earth

Search the Sky Location Search

e.g., Leo, Andromeda Galaxy, NGC 3628

Places

Norma

Te Taura

Uruao

Crux

Mahu Tonga

Mahu Tonga

Southern Cross - Mahu-tonga (Best), Marere-o-Tonga (Williams), Taki-o-Autahi (Williams, Stowell), Kahui o Mahutonga (Stowell), Kahui-ruamahu (Stowell), Te Putea iti a Reti (Stowell), Tekā (Beattie), Te Punga o te Waka a Tamarereti (Stowell) There are different traditional interpretations of the Southern Cross in New Zealand, and it is known by at least eight different names in Māori. Tainui Māori saw it as an anchor, named Te Punga, of a great sky canoe, while to Wairarapa Māori it was Mahutonga – an aperture in Te Ikaroa (the Milky Way) through which storm winds escaped.

<http://www.maoridictionary.co.nz/index.cfm?dictionaryKeywords=mahutonga&n=1&idiom=&phrase=&proverb=&loan=>

Directions: [To here](#) - [From here](#)

Volans

Octans

Mensa

Pātari-rangi/Kōkōtea/Tioreore

Kokirikiri

© 2013 Cnes/Spot Image

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Dorado

Present Hapu / Iwi Kōrero in Maps

Google Earth

File Edit View Tools Add Help

Search

Fly To Find Businesses Directions

Fly to e.g., New York, NY

Places

- ☒ Sightseeing Tour
 - Make sure 3D Buildings layer is checked
- ☒ Wai Pounamu
 - Australasian cultural heritag...
 - Australasian cultural herit...
 - New Zealand
 - Australia
- ☒ Untitled Placemark
- ☒ My Places
- ☒ Temporary Places
- ☒ Te Reo Maori as a cultural as...
- ☒ Te Reo Maori as a cultural as...
- This local knowledge project looks at the distribution of
- ☒ Current Kura Maori
- ☒ Native and Mission Sch...
- ☒ Kennedy's Bay Native Sc...
- Located across from Great Mercury Island, it
- ☒ Māhaka Native School

Layers

Earth Gallery >>

- ☒ Primary Database
- ☒ Borders and Labels
- ☒ Places
- ☒ Photos
- ☒ Roads
- ☒ 3D Buildings
- ☒ Ocean
- ☒ Street View
- ☒ Weather
- ☒ Gallery
- ☒ Global Awareness
- ☒ More

Kennedy's Bay Native School

Located across from Great Mercury Island, it was established in 1940.

The main aspect of Native Schools was to civilise and Europeanise Maori. As one native school teacher states:

"The emphasis, of course, was to make good Europeans out of them. That was about it." (Simon 2001:101).

Directions: [To here](#) - [From here](#)

Map labels include: Moehau Native School, Te Kura Kaupapa Maori o Harataunga, Kennedy's Bay Native School, Manaia Native School, Mangatangi Native School, Te Kerepehi Native School, Hikutaia Native School, Mataora Bay Native School, Otawhiti Native School, Rakaumanga Native School, Te Kura Kaupapa Maori o Rakaumanga, Te Wharekura o Te Rau Aroha, Te Kura Kaupapa o Bernard Fergusson, Te Kura Kaupapa Maori o Te Ara Rima Nga Taiatea Wharekura, Ngali Haua Native School, Pukerimu Native School, Okoroire Native School, Te Kopua Native School, Te Wharekura o Te Kaakaaroa o Patetere, Whangamarino Native School, Te Waetu Native School, Katikati Native School, Rangiwaea Native School, Te Kotukutuku Native School, Te Kura o Te Moutere o Matakana, Te Kura Kaupapa Maori o Te Rau Aroha, Paeroa (then later Bethlehem) Native School, Maketu Native School, Okauia Native School, Te Kura Kaupapa Maori o Te Matal, Te Puke Native School, Pukehina Native School, Ngawaro Native School, Te Akau Native School, Te Awahou Native School, Te Kura Kaupapa Maori o Rototiti, Te Kura o Te Whakarewarewa, Te Kura Kaupapa Maori o Ruamata, Te Kura Kaupapa Maori o Te Koutu.

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2011 DigitalGlobe
Image © 2011 GeoEye
Image Bay of Plenty T.A's

lat -36.732445° lon 175.589986° elev 78 m

©2010 Google

Eye alt 252.39 km

Google Earth

File Edit View Tools Add Help

ohaeawai

Ohaeawai, New Zealand

Hauraki

Tauranga

Whakatane

Te Maunga

Kaingaroa

Death of Mahia

Ruatahuna

Whakarewa

Maunga a Ikahia

Tawapata

Mahia

Huka Falls - Waikato River

Te Whāiti Nui ā Toi

Kawhia

Kawhia

Onoero

Kapiti Island

Otaki

Whanganui a Tara

Parliament - Wellington

Image Horizons Regional Consortium
Image © 2010 DigitalGlobe

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
41°34'23.52" S 179°43'27.02" E elev -2721 m

Tawapata

Not much is known or documented of Rongomai-wahine are not v...
ancestress of the tribe that he...
(Mitira 1972:88). However, her...
places her at Tawapata. "The...
chieftainness, are still shown a...
enduring mana tupuna and m...

Tawapata is also where Rong...
When Kahungunu "arrived at...
Rongomaiwahine was already...
had (at the very least) establis...
be courted, marry, and bear ch...

SOURCES:
Haami, Bradford, 1997. Traditi...
Mitira, Tiaki Hikawera, 1972. T...

Tania Gaffey

Directions: [To here](#) - [From here](#)

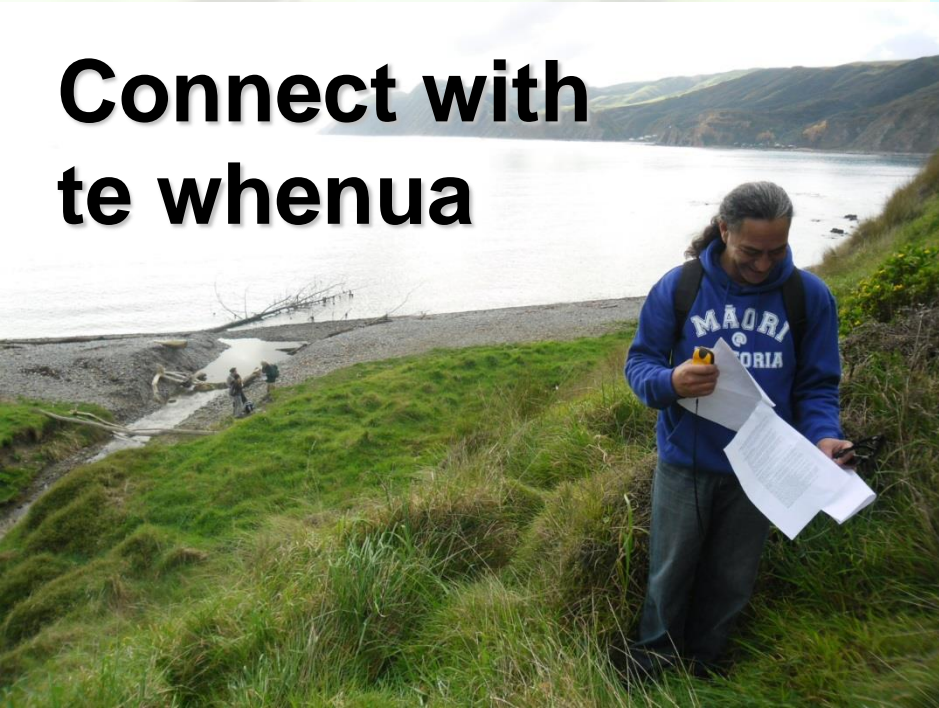
Connect Māori Forms of Media With Maps







**Connect with
te whenua**



Record/share kōrero – put “Our faces in our places” (Hoskins 2008)



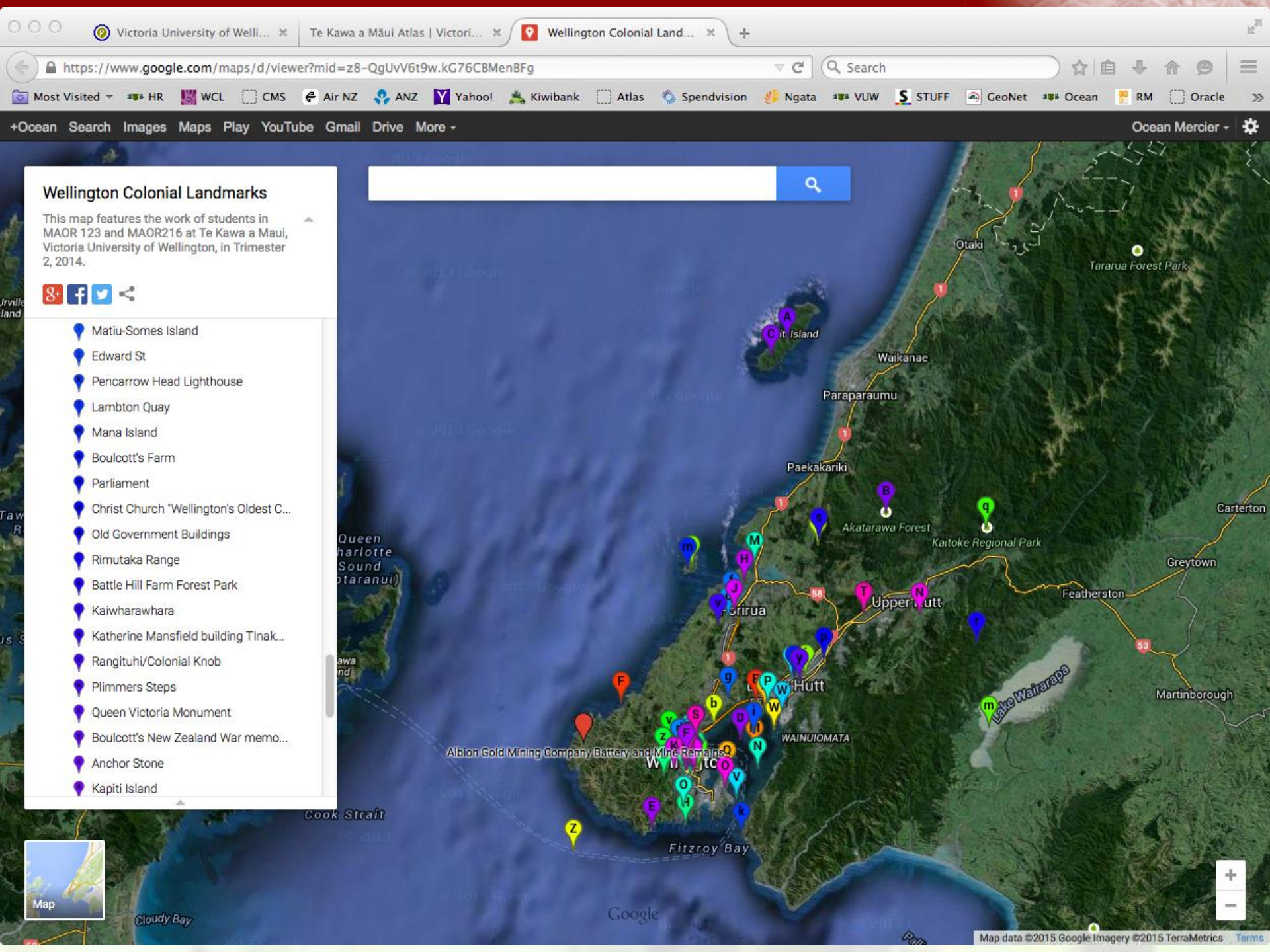
Goat Cliff

In our search for a Pa site that we did find but never realised that we found we had to walk along the cliffs of Ohau Bay. This photo is taken overlooking Ohau Bay on the edge of the cliff. Metres below us were goats walking around on the shores of Ohau Bay. Adding drama to the journey was the screams that we heard as we were on the cliffs. It sounded like a man screaming, but our attempts to make contact failed and we ended up assuming it was either a goat or a man messing around with us.

Directions: [To here](#) - [From here](#)



©2010 Google



Wellington Colonial Landmarks

This map features the work of students in MAOR 123 and MAOR216 at Te Kawa a Maui, Victoria University of Wellington, in Trimester 2, 2014.



- Matiu-Somes Island
- Edward St
- Pencarrow Head Lighthouse
- Lambton Quay
- Mana Island
- Boulcott's Farm
- Parliament
- Christ Church "Wellington's Oldest C...
- Old Government Buildings
- Rimutaka Range
- Battle Hill Farm Forest Park
- Kaiwharawhara
- Katherine Mansfield building Tlnak...
- Rangituhi/Colonial Knob
- Plimmers Steps
- Queen Victoria Monument
- Boulcott's New Zealand War memo...
- Anchor Stone
- Kapiti Island

Diverse Learning Experiences



*Having all these landmarks on one map was really great. Also it was a fairly simple assignment to complete, but **learnt a good amount**.* MAOR123 Student

I loved Wordles. Keep teaching this!
MAOR210 Student

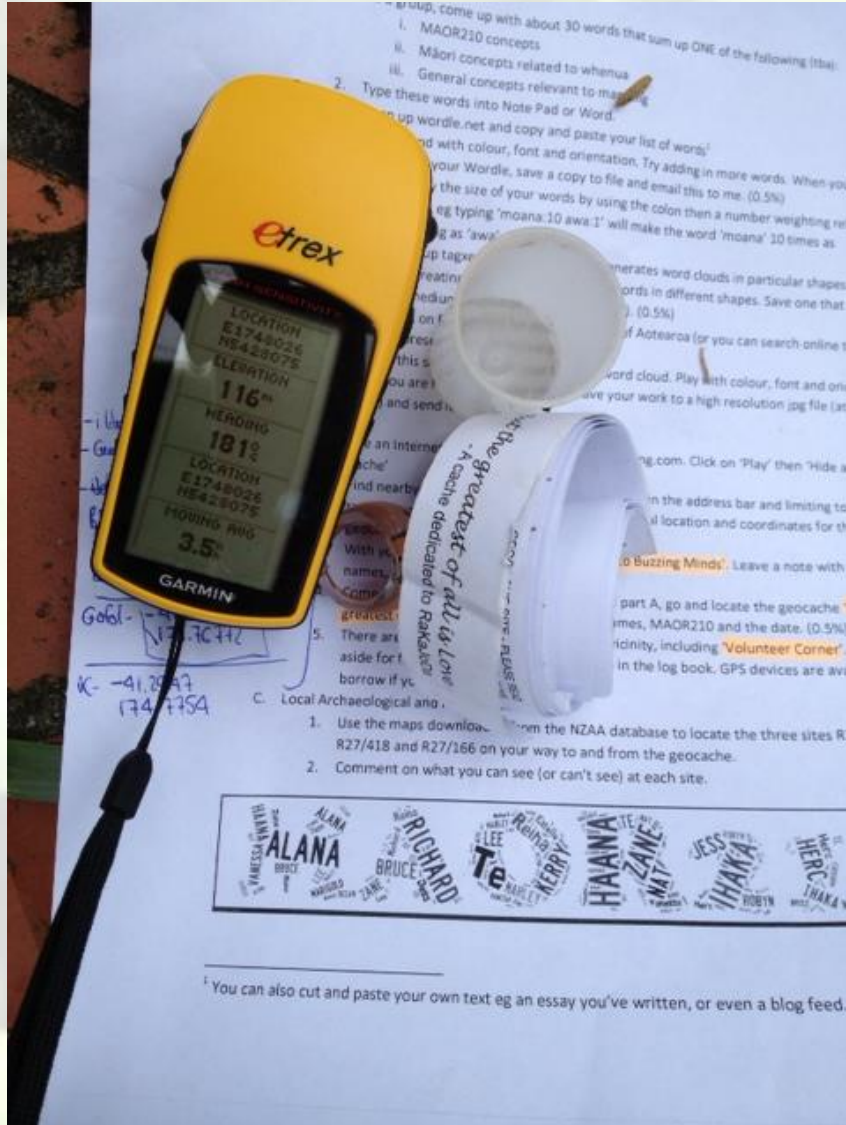
*It was a **nice change** from doing an essay.* MAOR216 Student

*It was a **different and fun** way to do an assignment.*
MAOR124 Student

*Small sense of **power...being able** to make your mark on the map.*
MAOR124 Student

OR Mercier & A Rata, 2016. Drawing the Line with Google Earth. *Journal of Geography in Higher Education*. DOI: 10.1080/03098265.2016.1260097

New Skill Sets



*I had **never used** one of those things [handheld **GPS**] before so for me that was a good learning outcome. MAOR210 Student*

*Being **precise** and keeping it short. MAOR216 Student*

*And since that project I've used it in a number of forums that may not have asked for it, but I found that Google Earth is really **helpful to visualise** these things. MAOR210 Student*

Sharing of Work

*[I enjoyed] seeing how different places relate to each other and seeing so many important places of Wellington **all on one map**.*

MAOR123 Student

*Got to see what others were doing so it gave me an idea on **whether I was on track**.*

MAOR123 Student

*[I learnt] how I should've **structured my own**.*

MAOR123 Student

*Reading other peoples representations of Wellington (& its environs) historical landmarks – normally you would only see your own and I found it **fascinating** to see other peoples.*

MAOR216 student

On Te Kawa a Māui Atlas

*This is a great resource for students made relevant because it's partly conducted **by students**.*

MAOR124 Student

Place, Map, Connection



*[I enjoyed] seeing how different **places relate to each other** and seeing so many important places of Wellington all on one map.*
MAOR123 Student

*Gave me **awareness** of the different **locations** of where to find rakau around campus and what I can use them for.*
MAOR124 Student

*It was a bit of an eye-opener as well to see the pa sites in which some people once inhabited because it was a whole lot different **going out there** standing on top of a cliff face as opposed to looking at it in a book.* MAOR210 Student

*Understanding the **importance of Te Puni**, and why many Wellington landmarks/buildings etc are named after him.*
MAOR216 Student

Whakatū, Whakahou

- Building the *Te Kawa a Māui Atlas* meant we needed to look beyond:
 - tradition
 - what current systems allow
 - our current knowledge and skills
 - other limitations
- Student work shows their engagement, agility, creativity and critical thinking, and invigorates and redefines Māori studies