

Te Waahanga Mahere Paetukutuku

Geographical Information Systems (GIS) Mapping

This chapter looks at a Ngaati Whanaunga Google Map environment where we have used Google Maps which is an easy to use web based Geographical Information System (GIS), allowing users to view mapped information and retrieve other information linked to particular features on the map.

The chapter utilises the GIS technique which consists of topographical maps that display a range of geographical places that are referred to in our paatere. Ten geographical areas significant to Ngaati Whanaunga have been identified. These sites refer to maunga, whenua, motu, paa and raakau and are illustrated by symbols which can be viewed at a click of a button. When you click on the symbol you will have access to relevant information such as history to assist you with learning about Ngaati Whanaunga.

This chapter provides an A4 coloured Map with a key showing the significant sites and a simple step by step guide to utilising the web-based GIS instrument which will serve as an effective teaching and learning tool for the classroom. This web-based tool can also be accessed at home so students can engage in their learning with their Whaanau, Hapuu and wider community. Ngaati Whanaunga invites you to visit this site and familiarise yourself with its contents.

Nгаа Mahere Google moo Ngaati Whanaunga

He Aratohu maa te Kaiwhakamahi

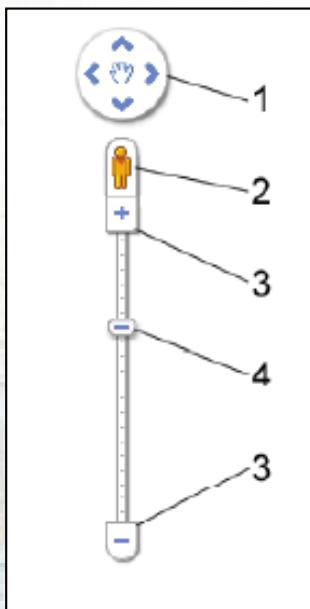
He puunaha tukutuku GIS a Google Maps (he Mahere Takotoranga Whenua), he ngaawari ki te whakamahi, e taea ai e te kaiwhakamahi eeteahi moohiohio kua oti te whakamahere te tiroiro, me te tiki i eeteahi atu koorero kua oti te paihere ki eeteahi aahuatanga i te mahere. Kei te horopaki o Nгаа Mahere Google moo Ngaati Whanaunga ka whakaaturia te huhua o nгаа takotoranga whenua e whakahuatia ana i taa maatou paatere - Kei Whea Te Aute. Hei aawhina teenei tuinga i a koe ki te whakamahi i nгаа mahere Google moo Ngaati Whanaunga.

TE WHAKATERE HAERE I ROTO I TE PIHANGA MAHERE

Ka aaei koe ki te whakaterere (te neke i too tirohanga) i roto i nгаа ahunga e rua i teeteahi mahere Google ahakoa teewhea. Hei roiroi (hei neke i te mahere) mahia teeteahi o eenei:

- Paawhiri, ka too ai i te mahere
- Peehingia te pere whakarunga i too papapaatuhi kia ahu whaka-te-raki
- Peehingia te pere whakararo i too papapaatuhi kia ahu whaka-te-tonga
- Peehingia te pere whaka-te-matau i too papapaatuhi kia ahu whaka-te-raawhiti
- Peehingia te pere whaka-te-mauui i too papapaatuhi kia ahu whaka-te-uru

I tua atu i teenei, ka aaei koe ki te topa mai, ki te topa atu raanei maa te peepahi i te kii +, i te kii - raanei. Nekehia te pehu ki teeteahi tauwaahi, ka whakamahi ai i te paatene panuku hei topa mai, hei topa atu raanei i taua tauwaahi. Kia tauwaenga, kia topa mai hoki ki teeteahi tauwaahi, paawhiri-ruatia te tauwaahi.



Te Whakamahi i nгаа Taputapu Whakaterere

Ko nгаа taputapu whakaterere kei te kite koe i maps.google kei te whakaaturia i te taha mauui. Hei waahi o nгаа taputapu whakaterere ko:

Nгаа Pere - Paawhiritia nгаа paatene pere haangai kia nekehia te tirohanga whaka-te-raki, whaka-te-tonga, whaka-te-raawhiti, whaka-te-uru raanei.

Te Tirohanga Tiriti - Paawhiritia kia kitea nгаа pikitia o te tiriti tonu

Topa - Paawhiritia + kia topa mai ki te tauwaenga o te mahere.
Paawhiri - hei topa atu.

He reereti topa – Tooia te reereti topa ki runga, ki raro raanei hei topa mai, hei topa atu raanei, kia iti noa te whakaranga te whakaitinga.