

## He Ngohe Aromatawai ā-Roto Mō ngā mahi whakamahere anake

**Te Ingoa o te Ngohe:** Te Ao Hurihuri

**Aronga:** Pūtaiao 1.2A

**Paerewa Paetae:** 1.2 Te whakahāngai i te mātauranga pūtaiao ki tētahi kaupapa taiao e ora ai a Papatūānuku rāua ko Ranginui mō anamata

**Kaupae:** 1

**Whiwhinga:** 5

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### He Tohutohu mā te Ākonga

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#### I tēnei ngohe

I tēnei ngohe, ko tāu mahi he whakaatu i ō mōhiotanga o Matariki, o Puanga rānei, me te whakaatu i te mātauranga pūtaiao e ārahi ana i ngā mōhiotanga o te taiao.

I tēnei ngohe, ko tāu nā mahi he tuku i tētahi kauhau matihiko e kōrero ana mō tētahi mahere kua waihangatia e koe mā roto mai i te mātauranga pūtaiao hei whakarauora i tētahi kaupapa taiao o anamata.

#### Te horopaki

Hei tēnei aromatawai ko tāu mahi he whakarite i tētahi kauhau matihiko ki te whakaatu i ō mōhiotanga o Matariki, o Puanga rānei, me te whakaatu i te mātauranga pūtaiao e ārahi ana i ngā mōhiotanga o te taiao.

Ka whakaatu koe i ngā momo tikanga i kawea e ngā tūpuna mā roto mai i ngā kōrero tuku iho mō ngā whetū. Ka whakaatu hoki koe i te whakamahinga o aua tikanga i ēnei rā.

Ka aromatawaitia koe i runga anō i tō kaha ki te whakaatu i te mātauranga me ngā mōhiotanga o te ao o ngā tūpuna, ngā tikanga i whāia e rātou, ā, me tā tātou kawea tonu i aua tikanga i ēnei rā.

Hei tēnei aromatawai, ka waihangatia tētahi mahere mā tō mātau me tō mōhio ki te mātauranga pūtaiao o onamata, o inamata, ā, me te whakaatu i te mātauranga

pūtaiao anamata hei whakarauora i te taiao. Ka kawe rangahau koe kia puta ai ō whakaaro mō tō mahere.

Ka aromatawaitia koe i runga anō i tō kaha ki te whakaatu i te hononga o te mātauranga o onamata, o inamata, o anamata hei whakarauora i te taiao.

## Hei mahi

1. Rangahaua tēnei mea te mātauranga Māori o te taiao, o te ao tūroa o ngā tūpuna o onamata, o inamata hoki.
2. Tuhia ētahi pātai hei ārahi i a koe i roto i tō rangahau. Me aro atu ō patai ki:
  - te ao o ō tātou tūpuna i ā rātou e noho tahi ana ki te ao tūroa
  - ngā momo rautaki whakarauora a ō tātou tūpuna
  - ngā momo mātauranga pūtaiao i ārahi i ngā mōhiotanga o ō tātou tūpuna ki te taiao
  - te tirohanga Māori i ārahi i ngā pāhekoheko ki te taiao, ki a rātou anō, ki ētahi atu hoki
  - te wā i ō tūpuna me ngā wero i turakina e rātou
  - ngā mātauranga Māori o te ao tūroa e whāia tonutia ana e tātou te ao Māori i ēnei rā
  - te anamata o tō tātou oranga me ngā pāpātanga o te āhuarangi hurihuri
  - ngā mātauranga pūtaiao e whāia tonutia ana e tātou mō te anamata o te ao Māori.
3. Kohia ngā kōrero me te aro atu ki:
  - te uiui i ngā kaumātua, ngā mātanga mātauranga Māori, me ngā mātanga mātauranga pūtaiao hoki. Āta wānangahia ngā pātai i mua i te uiui i a rātou. Me āta whakaaro anō koe me pēhea tō hopu i ēnei kōrero.
  - te rangahau i te ipurangi, i ngā pukapuka, otirā i ngā puna kōrero huhua.
4. Tātaringa ngā kōrero, ka whakaraupapa ai. Me mōhio koe ki te:
  - tautohu me te whakamārama i ngā mātauranga pūtaiao o onamata e hāngai ana ki te taiao
  - tautohu me te whakamārama i ngā mātauranga pūtaiao o inamata e hāngai ana ki te taiao
  - tautohu i ētahi o ngā kaupapa o anamata e hāngai ana ki te taiao me te ao tūroa

- tātari i ngā kōrero hei tuku i ō whakaaro mō anamata e hāngai ana ki tētahi kaupapa whakarauora taiao.
5. Āta whakamaheretia kia puta ai ō whakaaro e hāngai ana ki tētahi taiao me tētahi kaupapa mō te whakarauora i te taiao.
  6. Whakahiatohia ō kōrero ki tō mahere. Me tuku koe i tō kauhau matihiko ki te hunga kaumātua me te whānau.

## Ngā mahi hei tāpae

Ko tāu mahi he tuku i tētahi kauhau matihiko kia roa ake i te 20 mēneti.

## Rauemi

Whakarauora taiao

<https://www.landcareresearch.co.nz>

<https://newzealandecology.org/article-keywords/indigenous-knowledge>

<https://www.sciencelearn.org.nz/resources/2949-te-whakaora-ake-i-te-kuta>

[https://www.sciencelearn.org.nz/image\\_maps/96-te-whakamahi-i-nga-rauemi-o-tuihonoa-te-reo-o-te-repo-hei-whakarite-ara-whakaako](https://www.sciencelearn.org.nz/image_maps/96-te-whakamahi-i-nga-rauemi-o-tuihonoa-te-reo-o-te-repo-hei-whakarite-ara-whakaako)

<https://www.un.org/development/desa/indigenouspeoples/climate-change.html>

## Kuputaka

whakatewhatewha	investigation
whakatewhatewhatanga	path of investigation
taputapu	equipment