

TE RĀRANGI TIKANGA

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engineering
new zealand
Institute of Engineering Professionals

TE RĀRANGI TIKANGA

NGĀ HERE MŌ TE PAINGA TŪMATANUI

1. Me āta whakarite tikanga e kīa ai e te tangata whakaaro he tikanga tōtika, hei whakaū i te hauora me te haumarū

Me āta whakarite tikanga e kīa ai e te tangata whakaaro he tikanga tōtika hei whakaū i te hauora me te haumarū i roto i ō mahi pūhanga.

2. Kia mataara ki te pānga ki te taiao

Me āta mahi koe i roto i ō mahi pūhanga kia:

- i. aronuitia ngā pānga ki te taiao ka takea mai pea, ka taea hoki te matapae, i aua mahi rā: ā, kia
- ii. aronuitia te whakahaere ahunga-roa i te taiao. I raro i tēnei ture, ko te aronga o ngā kupu whakahaere ahunga-roa ko te whakahaere hei whakatutuki i ngā hiahia o nāianeī, me te whai kia kua e āraia ngā huarahi ka taea te matapae e te hunga whai whakaaro, ka hiahiatia e ngā whakatupuranga o raurangi (tae atu ki ngā whakatupuranga ka ara ake i roto i te wā o te oranga o ngā hua, o ngā hua rānei ka puta i te taha o aua mahi) mō rātou anō.

3. Me pūrongo i ngā pānga hē

Ki te mea koe he putanga hē tō tētahi āhuatanga pūhanga, ka puta pea rānei aua momo hua, me mātua whakamōhio koe i te rōpū whakarite ā-ture e hāngai ana, hāunga anō ngā āhuatanga e tūhuratia ai ōna kaupapa, e uia hoki te tangata e koe, me te tatū o tō hinengaro kei te āta whakatikaina te take i runga i tētahi hātepe tika, whakaritenga hāngai rānei.

NGĀ HERENGA E PĀ ANA KI TE WHANONGA O TE TANGATA

4. Me mahi i runga i te matatau

Me mātua whai ēnei mahi

- a. māu e
 - i. āta whakarite tikanga kia noho hou tonu tō mōhioanga me ō pūkenga;
 - ii. kawē ngā mahi pūhanga anake kei te mōhio koe ka taea e koe; ā,
 - iii. āta kawē mārire ngā mahi pūhanga i runga i te tūpato, i te tohungatanga;
- b. kia kua hoki e
 - i. kōrero parau, e tuku rānei i ētahi atu kia kōrero parau mō tō taumata matatau;
 - ii. āta tuku i runga i te mōhio i ētahi atu kaupūhanga e mahi nā ā rātou mahi pūhanga i raro i tō mana: kia kawē i ngā mahi pūhanga kei waho atu i tō rātou taumata matatau; kia kawē mahi pūhanga i runga i ngā tikanga tūpato-kore, ehara i te mahi tohunga rānei; kia kōrero parau, kia tuku rānei i ētahi atu kia kōrero parau, mō tō rātou taumata matatau.

5. Kia tika te whanonga

I a koe e kawea ana, i a koe e mahi ana i roto i ō mahi pūhanga me mātua

- a.
 - i. mahi koe i runga i te ngākau pono, te tapatahi o te whakaaro me te rangatira o te tū; ā,
 - ii. me whakamana koe i te tangata kē me te manaaki i a ia; ā,
 - iii. me whakaatu, me āta whakahaere hoki i ō taupatupatutanga; kia kua hoki e
- b.
 - i. tāpae atu, kī taurangi atu rānei ka hoatu i tētahi mea ki tētahi tangata kē hei kawea kē i tōna ngākau me tāna whakatau mō ō mahi pūhanga; tēnei rānei
 - ii. tango mai i tētahi mea i tētahi tangata kē e tukua mai ana hei kawea kē i ō mahi pūhanga; tēnei rānei
 - iii. te whakauru atu, te tautoko rānei i ētahi tikanga mahi ngākau hē.

6. Whakaaturia ki ētahi atu ngā hua o te kore e whai i ngā tohutohu

Ki te mōhio koe kāore pea ō tohutohu ngaio e arongia mai, me te whakaaro iho nā taua korenga e aro mai ka pā pea ētahi pānga tino hē, me mātua whakamōhio koe i tō tangata e tohutohu nā koe mō aua pānga hē.

7. Kia mau ki te matatapu

- a. Ki te whāia e koe he mōhioanga matatapu mai i ngā kiritaki, i ngā kaiwhakawhiwhi mahi rānei i a koe e kawea nā i ō mahi pūhanga, māu e whakarite
 - i. kia kua e whakamahia aua mōhioanga mō tētahi take i tua atu i tērā i tīkina ai; ā,
 - ii. kia kua e whakapuakina aua mōhioanga, hāunga ngā wā e whakaaetia ai tōna whakapuakitanga i raro i tēnei ture.
- b. Me whakapuaki e koe ētahi mōhioanga matatapu mehemea
 - i. e herea ana koe i raro i te ture 3 me ture 8, ā, kua whakaaturia e koe te take ki te tangata mōna te mōhioanga matatapu; ā,
 - ii. e herea ana koe i raro i te ture kia whakapuaki i te mōhioanga; ā,
 - iii. kei te wātea whānui ngā mōhioanga;
 - iv. kei te whakaaetia te whakapuaki e te tangata mōna te mōhioanga matatapu
- c. Heoi anō ngā wā e whakaaetia ai te whakapuaki ngā mōhioanga e whakapuakina ana i raro i te rārangi (b)(i), (ii) rānei, he whakapuaki ki te tangata tonu, te whakahaere rānei, e herea ai koe kia whakapuaki i taua kōrero ki a ia.

8. Me tuku pūrongo mō te takahitanga o te Rārangi

Mehemea ki ō whakaaro tērā ētahi pūtaka mō te whakapono kua takahia e tētahi atu Mema te Rārangi Whanonga Matatika, me mātua tuku pūrongo koe mō taua take ki Te Ao Rangahau Aotearoa.

HE TAUTUHINGA

Ngā pānga hē

- a. Te tūkinotanga nui, te matapae rānei tērā tonu e tūkino nuitia, te hauora, te haumaru rānei o ētahi tāngata.
- b. Te kinonga nui o te taiao, te matapae rānei tērā tonu e tūkino nuitia te taiao.

Ngā mahi pūhanga

- a. Ngā mahi e whakamahia ai e koe tō mātauranga me ō pūkenga pūhanga.

Te Horopaki

- a. Ngā taiao me ō rātou wāhanga, tae atu ki ngā tāngata o runga me ō rātou hapori.
- b. Ngā rawa ā-taiao katoa, me ngā rawa kikokiko (nā te tangata i hanga).