

Paerewa Paetae

Aronga	Hangarau Matihiko 1.3		
Ingoa	Whakawhanake i tētahi hua matihiko ki te whakataki raraunga		
Kaupae	1	Whiwhinga	4
		Aromatawai	ā-Roto
Marau akoranga	Hangarau		
Kokonga akoranga	Hangarau Matihiko		
Mana rēhita	Kua rēhitatia	Te rā i mana ai	23 o Whiringa-a-rangi 2017
Te rā e arotakengia ai	31 o Hakihea 2019	Te rā i puta ai	23 o Whiringa-a-rangi 2017

E hāngai ana tēnei paerewa paetae ki te whanaketanga o tētahi hua matihiko ki te whakataki raraunga.

Paearu Paerewa

Paetae	Kaiaka	Kairangi
<ul style="list-style-type: none"> Whakawhanake i tētahi hua matihiko ki te whakataki raraunga. 	<ul style="list-style-type: none"> Whakawhanake i tētahi hua matihiko mātau ki te whakataki raraunga. 	<ul style="list-style-type: none"> Whakawhanake i tētahi hua matihiko pakari ki te whakataki raraunga.

Kōrero Whakamahuki

- I ahu mai tēnei paerewa paetae i te Taumata 6 o te wāhanga ako Hangarau o te marau *New Zealand Curriculum*, i whakaputaina e Te Pou Taki Kōrero i te tau 2007. E hāngai ana hoki ki ngā kōrero kua tuhia i te *Teaching and Learning Guide for Technology*, i whakaputaina e Te Tāhuhu o te Mātauranga, ā, ka kitea ki <http://seniorsecondary.tki.org.nz>.

He mōhiohia atu anō ka kitea ki <http://www.technology.tki.org.nz/>.

He tohutoro ki ngā mōhiohia hāngai kei te rauemi *Safety and Technology Education: A Guidance Manual for New Zealand Schools*, i whakaputaina e Te Tāhuhu o te Mātauranga, ā, ka kitea ki <http://technology.tki.org.nz/Technology-in-the-NZC/Safety-in-Technology-Education-revised-2017>, ki te Ture Hauora me te Haumaruru ki te Wāhi Mahi 2015 hoki.

I ahu mai hoki tēnei paerewa paetae i *Te Marautanga o Aotearoa*. Mō ētahi atu kōrero e hāngai ana ki ngā putanga ka whai wāhi i tēnei paerewa tēnā tirohia te [Papa Whakaako](#) kia kitea te wāhanga ako tika.

2. Ka kapi i te paearu *whakawhanake i tētahi hua matihiko ki te whakataki raraunga:*

- te whakamahinga o ngā taputapu hāngai me ngā tū āhua ki te hanga, te raupapa, te uiui me te tāpae raraunga mō tētahi whāinga me te kaiwhakamahi mutunga
- te whakamahinga o ngā hātepe taparenga raraunga me ngā hātepe whakamātau hāngai
- te whakaahuatanga o ngā pānga hāngai.

Ka kapi i te paearu *whakawhanake i tētahi hua matihiko mātau ki te whakataki raraunga:*

- te whakamahinga o ngā mōhiotanga kua puta i ngā hātepe whakamātau ki te whakapai ake i te kounga me ngā āhuratanga whakamahi o te hua
- te hanga, te raupapatanga me te uiuitanga arorau i ngā raraunga
- te wheranga o ngā pānga hāngai.

Ka kapi i te paearu *whakawhanake i tētahi hua matihiko pakari ki te whakataki raraunga:*

- ngā whakarākeitunga i te wā e whanakehia ana, e whakamātauria ana hoki
- te whakaaturanga whaikiko o ngā raraunga e ai ki te whāinga, ki te whakatutuki hoki i ngā ritenga mā ngā kaiwhakamahi mutunga.

3. Hei tauira o ngā pānga hāngai:

- pāpori
- ahurea
- ture
- matatika
- whakairoiro hinengaro
- matatapu
- āheitanga
- ngā āhuratanga o te whakamahi
- ngā āhuratanga taumahi
- taha rerehua
- toitūtanga me te ora ā-raurangi
- te whakaaro ki ngā kaiwhakamahi mutunga
- te hauora me te haumarutanga.

4. E āhei ana te whakaputu i ngā raraunga ki tētahi kōnae tāpapa, ki tētahi pātengi raraunga whai pānga rānei.

5. Ka kitea ngā Tikanga Aromatawai e hāngai ana ki tēnei paerewa paetae ki <http://ncea.tki.org.nz/Resources-for-Internally-Assessed-Achievement-Standards>.

Mōhiotio Whakahoutanga

He whakahoutanga tēnei paerewa paetae o AS91071.

Tātari Kounga

1. Me mātua whakamana ngā Kaituku Akoranga me ngā Whakahaere Whakangungu Ahumahi e te Mana Tohu Mātauranga o Aotearoa ka rēhita ai i ngā hua ka puta mai i ngā aromatawai ki ngā paerewa paetae.
2. Me uru ngā Kaituku Akoranga me ngā Whakahaere Whakangungu Ahumahi kua mana, ā, e aromatawai ana i ā rātou hōtaka ki ngā paerewa paetae, ki ngā pūnaha whakarite e tika ana mō aua paerewa paetae.

Ko te tohutoro ki te Mahere Whakamana, Whakaōritenga hoki 0233