

Paerewa Paetae

Aronga	Hangarau Matihiko 1.9		
Ingoa	Whakaatu māramatanga ki ngā hātepe rapu, hātepe kōmaka hoki		
Kaupae	1	Whiwhinga	3
		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 whakaaturanga o te māramatanga ki ngā hātepe rapu, hātepe kōmaka hoki.

Paearu Paerewa

Paetae	Kaiaka	Kairangi
<ul style="list-style-type: none"> Whakaatu māramatanga ki ngā hātepe rapu, hātepe kōmaka hoki. 	<ul style="list-style-type: none"> Whakaatu māramatanga hōhonu ki ngā hātepe rapu, hātepe kōmaka hoki. 	<ul style="list-style-type: none"> Whakaatu māramatanga matatau ki ngā hātepe rapu, hātepe kōmaka hoki.

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 *whakaatu māramatanga ki ngā hātepe rapu, hātepe kōmaka hoki*:

- te whakaahuatanga o ngā taupānga rapu, kōmaka hoki
- te kawenga tika o tētahi hātepe rapu
- te kawenga tika o tētahi hātepe kōmaka
- te whakaahuatanga o te utu mō te hātepe rapu, hātepe kōmaka rānei kua whiriwhiria i te tipu haere o te raru

Ka kapi i te paearu *whakaatu māramatanga hōhonu ki ngā hātepe rapu, hātepe kōmaka hoki*:

- te whakamāramatanga o te whanaungatanga i waenganui i te rapu me te kōmaka
- te whakataunga ko hea te utu pai, āhua pai, kino ake hoki o ngā hātepe rapu, kōmaka rānei e rua, me te whakamārama i ngā pānga.

Ka kapi i te paearu *whakaatu māramatanga matatau ki ngā hātepe rapu, hātepe kōmaka hoki*:

- te matapaki whakaaro e pā ana ki ngā whakamahinga tūturu me ngā pānga o ngā hātepe rapu, ngā hātepe kōmaka hoki
- te tūhura o te utu o ngā hātepe rapu, hātepe kōmaka hoki e rua ngā huinga raraunga.

3. Hei tauira o ētahi huinga raraunga rerekē: ko ngā rahi rerekē, he mea kua kōmaka, he mea kāore anō kia kōmaka, he mea he kōaro te raupapatanga.

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

Mōhiohia Whakahoutanga

He whakahoutanga tēnei paerewa paetae o AS91074.

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