



TE PUKAPUKA POUAKO TE PĀNGARAU



TE KAUPAE 1 (NZQCF)

32412 | Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā
(Ngā Whiwhinga: E 10)

Te Rā Tuku Aromatawai ā-waho: Te Wāhanga 4: Te 28 o Oketopa, 2026

Te Whārangi Ihirangi

32412 Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā

He Kete Manarua	4
He Kupu Whakamārama	4
Te Pūāhua	5
Te Tau	6
Te Taurangi	7
Te Ine	8
Te Wāhi me te Ahunga	9
Ngā Tūmahi Aromatawai ā-waho	5
Te Paerewa	14
Te Tautuhinga Aromatawai ā-Waho	17
Te Whakatakotoranga Aromatawai ā-Waho	17
Ngā Herenga Aromatawai ā-Waho	18
Te Motuhēhē o ngā mahi o ngā ākongā	18
Te Tāpaetanga me te Hāponotanga	19
Te Pūrongo mā te Ākongā Te Pāngarau	20
Mahere Aromatawai ā-waho	20



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TE PĀNGARAU

32412 Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā

(Te Kaupae 1, Ngā Whiwhinga: E 10)

Putanga ako 1: Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā.	
Ngā paearu mahi	Ngā whānuitanga
1.1 Te whakakaupapa i ngā pūāhua ki ngā tikanga pāngarau.	ko te whiriwhiri i te pāheko, i te whakaahuahanga, i te taurangi, i te tikanga rānei hei whakaoti rapanga.
1.2 Te whakamahi i ngā tikanga pāngarau e tika ana ki ngā pūāhua.	Ko te whakamahi i ngā tikanga pāngarau e hāngai pū ana ki ngā whakaaro whānui, ki ngā pūāhua hei whakaoti rapanga
1.3 Te whakamāori i te whitake o ngā urupare pāngarau ki ngā pūāhua.	Ko te whakamāori i ngā whakaotinga, i ngā putanga, i ngā aronga ki te pūāhua.

He Kete Manarua

Ko te **KETE** i pū mai i te pā harakeke, ā, he whakapapa tōna.

He **MANA** tōna, ā, e **RUA** hoki ōna āhuetanga. Ko ngā taonga tuku iho ka kohikohia e te ākonga, ka tahi. Ka rua, ko te whakapiki i te mana motuhake o te ākonga, o ōna hapū, o ōna iwi hoki.

He tāpaetanga ā-matihiko te āhua o te KETE MANARUA ka tukuna mai e te kura, ā, he kōpaki, he kiriata, he kōrero ā-waha, he rauata, he tuhinga, he pūrongo, he whakaaturanga, he rātaka, he mahi rangahau, he aha atu, he aha atu ngā momo tāpaetanga.

He Kupu Whakamārama

Ko ngā Tūmahi Aromatawai ā-waho e rua e whai ake nei hei kōwhiringa mā te pouako me te ākonga:

1. Tāmīro

E āhei ana te ākonga ki te hono i ana taunakitanga o Te Pāngarau 32412 ki ana taunakitanga o Te Reo Matatini 32415 hei Kete Manarua ki roto i te kaupapa kotahi. Ka mutu ka whakamahia ngā Tūmahi Aromatawai ā-waho e rua.

Heoi, kia mataara, ka tuku mai ki a NZQA ko te Kete Manarua kotahi (mō te ākonga kotahi) ki ngā Paerewa e rua.

2. Te Pāngarau

Ki te hiahia rānei te ākonga ki te eke i te Paerewa o Te Pāngarau 32412 anake ka whakamahi i te Tūmahi Aromatawai ā-waho o Te Pāngarau i te taha māui.



Ngā Tūmahi Aromatawai ā-waho

Te Pāngarau | Te Paerewa 32412

Te whakamahi Pāngarau hei whakaoti rapanga nō te ao o te ākongā.
E 10 ngā whiwhinga

Te Reo Whakaputa | Te Paerewa 32415

Ka whakamahi i te reo kia tutuki ai tētahi pūtakenga whakawhiti
kōrero, ā-waha, ā-tuhituhi hoki.
E 5 ngā whiwhinga

Te Pūāhua

Koia nei te āhuatanga, te mahi, te kaupapa rānei hei horopaki mō te mahi pāngarau, mō te mahi reo rānei. He kaupapa tēnei e whai wāhi ana te ākongā i roto i te kura, i te marae, i te hāpori, i te whānau, i te hāhi, i te karapu tākaro, i te aha atu, i te aha atu; arā, ko:

- te manaaki manuhiri
- te mahi kai
- te mahi māra kai
- te mahi moni mā tētahi kaupapa
- te hanga rawa, me
- te huhua o ngā mahi kē atu.

Ko te tikanga, he mahi tēnei ka mahia i roto i ō tātau whānau, i ngā kura, i ngā marae, i te hāpori anō hoki. Ehara i te mahi hou, engari e hōhonu ake ana te aro ki ngā wāhanga iti o te pūāhua.

Hei Mahi (1.1)

- Ka whakamārama i te take i kōwhiria ai tēnei mahi, i ngā wāhi me ngā wā kua mahia i roto i te hāpori, i te kura, i te marae i mua ake. Ka whai whakaaro ki te kaupapa, ki te wāhi, ki te wā, ki ngā wero, ki ngā piki, ki ngā heke, ki ngā tāngata me ngā hua i puta i te mutunga:

Te kōrero, te tuhituhi, te tuhinga motukore, te kiriata poto...

Te Tau

Te Taumata 4

1. Ngā meka whakawehe
2. Te whakaawhiwhi tauoti
3. Ka mōhio ki ngā hautau, ki ngā tau ā-ira, ki ngā ōrau me ngā ōwehenga māmā.

Te Taumata 5

1. Ka kōwhiri, ka whakamārama i te rautaki e tino whaihua ana hei whakaoti rapanga e whai wāhi mai ana te tau tōpū, te hautau, te tau ā-ira, te ōrau, te ōwehenga, me te pāpātanga.
2. Ka mārama ki te whitake o te otinga o tētahi rapanga.

Hei Mahi (1.1, 1.2, 1.3)

- Ka kōhi i te maha me te utu o ngā rawa me ngā ratonga e hiahiatia ana, ka whakatakotoria ai ki tētahi papatau kia mārama ai: Te momo rawa (hei pikitia)?
 - » Te utu
 - » Te nui e ea ai te mahi
 - » He kōrero whakamārama (pēnei i te tikanga e whāia ana) mehemea he wāhanga i tētahi pāketē e hiahiatia ana
 - » Te tapeke o te utu mō taua rawa (he whakamārama anō hoki mō te pānga ki te mahi)
 - » Te wāhi ka kitea te rawa.

Te Taurangi

Te Taumata 4

1. Ka whakaatu pānga rārangi mā te whārite whai taurangi (ka whakaoti hoki i te whārite):
 - mā te ture,
 - mā te kauwhata.

Te Taumata 5

- Ka tuhi whārite rārangi ki te whakatauirā pūāhua whaitake, ka whakaoti hoki i te whārite.
- Ka whakawhānui i ngā tikanga o roto i ngā rautaki tau hei tūāpapa mō ngā tikanga taurangi.

Hei Mahi

- Ka whakaputa i tētahi kauwhata/ture rārangi mai i ngā hua ka puta, i te maha o ngā taurangi motuhake “x” me te tau pūmau ($y = mx + c$).
- Ka whakahoropaki i te ture ki te pūāhua (te huamoni = te utu x ngā rawa ka hokona – te nama mō ngā rawa)
- Ka tāngia ki te kauwhata me te whakaingoa i ngā tuaka.
- Ka whakamārama i ngā āhuetanga o te kauwhata, pēnei i:
 - » Te rōnaki (m)
 - » Te tau pūmau
 - » Te wāriu o “x” kia ea ai ngā nama
- Ka whakaputa i tētahi matapae mā te titiro ki te kauwhata.
- Ka whakamahi i te ture hei tātai i tērā i matapaetia rā mā te titiro ki te kauwhata.
- Ka whakamahi i te ture kia puta ai ētahi matapae rerekē.
- Ka whakamārama i ētahi āhuetanga ka whai pānga ki te hua mā te titiro ki te pono rānei o te horopaki.

Te Pāngarau | Te Paerewa 32412

Te Reo Whakaputa | Te Paerewa 32415

Te Ine

Te Taumata 5

1. Ka whakaoti rapanga whaitake:
 - ka kōwhiri, ka whakamahi i ngā waeine, i ngā taputapu me ngā āwhata e hāngai ana mō te roa, mō te horahanga, mō te rōrahi (te kītanga), mō te papatipu (te taumaha), mō te paemahana, mō te koki me te wā;
 - ka whakawhitiwhiti waeine.
2. Ka whakaputa, ka whakamahi hoki i ngā ture hei tātai i te paenga me te horahanga o tētahi taparau.
3. Ka whakaputa, ka whakamahi hoki i ngā ture hei tātai i te rōrahi o tētahi pōro.
4. Ka mārama ki te whaitake o tētahi inenga.

Hei Mahi

- Ka tātai i te rōrahi o t/ētahi taputapu, o t/ētahi rawa ka whakamahia, ka whakaputaina rānei.
 - » Ka tātai i te horahanga/rōrahi o tētahi taputapu, pēnei i te paetunu keke porohita, i te keke porohita rānei.
 - » Ka tātai i te papatipu o tētahi wāhanga o te rawa, o te kai rānei mā te takitahi, mā te tokoiti rānei. Ka whakamahia tēnei hei tātainga e pā ana ki te katoa.
 - » Ka tātai i te rōrahi ka puritia ki roto i tētahi taputapu, pēnei i te kapu.
- Ka tātai i te horahanga o te kāri, o te pepa rānei hei waihanga i tētahi raumata.
- Ka whakamahi i ngā otinga o te ine hei tātai i te maha me te utu o t/ētahi rawa.

Te Pāngarau | Te Paerewa 32412

Te Wāhi me te Ahunga

Te Taumata 4

Ka whakaatu, ka whakamārama, ka whakamahi i te wāhi noho (te taunga) o tētahi mea, me te ahunga; arā, ko:

- ngā tōpito
- ngā koki o te kāpehu
- ngā āhuetanga o te taiao
- te tukutuku (te takirua raupapa)
- te mahere.

Te Taumata 5

Ka tuhi, ka whakamārama i ngā taunga me ngā rārangi ki tētahi papa tukutuku mā te whakamahi i:

- ngā momo āwhata
- ngā tōpito
- ngā inenga koki o te kāpehu
- ngā momo mahere.

Hei Mahi

Ka tā i tētahi mahere e whakaatu ana i ngā mahi, i ngā toa hokohoko, i ngā whakaaturanga ki te kura, i ngā marae, i ngā wāhi mahi me te whakamahi i ngā ahunga, i ngā āhuetanga o te taiao, i te tukutuku rānei.

Te Reo Whakaputa | Te Paerewa 32415

Hei Mahi (1.2) (1.4)

Ka tā i tētahi pānui whakaata hei whakatairanga i te kaupapa e whakahaeretia ana.

Te Pāngarau | Te Paerewa 32412

Te Hanga

Te Taumata 5

1. Ka tuhi i tētahi raumata tōtika hei waihanga matarau māmā.
2. Ka tuhi i ngā momo hoahoa hei whakaatu āhua ahu-toru.
3. Ka whakamahi ōwehenga pākoki me te ture a Pythagoras ki te whakaoti rapanga e whai wāhi mai ana te tapatoru hāngai.

Hei Mahi

- Ka tā matarau ahu-rua hei hanga pouaka ahu-toru hei pupuri i t/ ētahi o ngā rawa.
- Ka tā i te tauira ahu-toru.

Te Ahunga

- Ka whakamahi i te ture pākoki, i te ture a Pythagoras rānei hei whakaatu i te ahunga me te roa – te tawhiti i tētahi wāhi ki tētahi atu.
 - » He māketete i te kura.
 - » He haerenga mā te whenua.
 - » Ko te whakatakoto, ko te whakatū rawa rānei.

Te Reo Whakaputa | Te Paerewa 32415

Hei Mahi (1.3) (1.4)

Ka whakaputa i tētahi pānui kōrero hei whakatairanga i te pūāhua, i te kaupapa e arongia ana mā te ara o te pāhopori, mā te tū rānei ki mua i te minenga me te hāngai o te reo ki taua minenga anō.

Te Pāngarau | Te Paerewa 32412

Te Tauanga

Te Taumata 4

Ka whai i ngā tikanga o te tūhuratanga tauanga ki te whakamahere, ki te whakatutuki tirohanga tauanga, ki te whakamātau tauanga hoki:

- ka whakatakoto i ngā pātai, i ngā tāpaetanga kōrero rānei;
- ka whakatau i ngā taurangi hei ine me ngā waeine e hāngai ana;
- ka whakatau i te tukanga kohikohi raraunga;
- ka kohikohi raraunga;
- ka wehewehe raraunga;
- ka āta whakaaro ki ngā take e taurangi ai ngā raraunga;
- ka kōwhiri i ngā whakaari raraunga e whaitake ana, me te wehewehe anō i ngā raraunga e kitea ai ngā tauira, ngā ia, ngā pānga me ngā taurangitanga o ngā raraunga whakarōpū matatini;
- ka whakatairite i ngā tīpako me te hono anō o ngā tīpako ki ngā taupori, mā te whakamahi i ngā inenga wēanga me te hora o ngā raraunga;
- ka whakaputa pūrongo mō te pātai i tūhuratia ai;
- ka mārama ki ngā tikanga matatika e hāngai ana.

Te Taumata 5

Ka arotake i ngā tukanga tauanga o tētahi tūhuratanga:

- te tukanga whai tīpako;
- te whiriwhiri i ngā inenga wēanga me te hora o ngā raraunga;
- te tika o ngā kōrero ka puta i te tūhuratanga.

Te Reo Whakaputa | Te Paerewa 32415

Te Tauanga

Hei Mahi

I roto i ngā mahi ā mohoa nei, ka kohi i ngā raraunga pēnei i te roa, i te whānui, me te papatipu o ngā rīwai, o ngā hēki, o tētahi mea rānei i tunua pēnei i te keke, i te parāoa parai, i te panekeke, i te kapu o te huawhenua.

- Ka whakatakoto i tō pātai rangahau.
- Ka whakamārama i te tikanga kohi me te ine.
- Ka kohi i ō raraunga.
- Ka whakatakoto i ngā raraunga.
- Ka whakaatu i te raraunga mā te kauwhata/papatau.
- Ka whakaputa i ngā momo inenga whaitake, pēnei i:
 - » te tau mōkito
 - » te hauwhā raro
 - » te tauwaenga
 - » te tau toharite
 - » te hauwhā runga
 - » te tau mōrahi
- Ka whakamārama i ngā kitenga.
- Ka whakaputa i tētahi whakatau e hāngai ana ki te pātai rangahau

Te Pāngarau | Te Paerewa 32412

Te Reo Whakaputa | Te Paerewa 32415

Te Tūponotanga

- Ka tūhura pūāhua tūponotanga e papa-tahi ana, e papa-maha ana hoki:
 - » ka whakamahi i ngā hautau, i ngā ōwehenga hoki ki te matapae, ki te whakamārama i ngā tuari raraunga ka puta i tētahi whakamātau tūponotanga;
 - » ka whakatau i te whitake rānei o te taurangi e kitea mai ana i ngā raraunga o tētahi whakamātau tūponotanga.

Hei Mahi

- Ka tirohia ngā raraunga me ngā hua o te tūhuratanga tauanga. Hei tauira, ka tātai i te tūponotanga ka noho te raraunga ki waenga i te inenga mōkito me te inenga mōrahi.
- Ka whai wāhi atu ēnei tūponotanga ki ngā āhuatanga o te mahi, o te hapori, o te wā, me te huarere.

Te Paerewa

NCEA Te Reo Matatini me te Pāngarau

32412 putanga 2
Whārangi 1 of 3

Ingoa	Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā		
Kaupae	1	Whiwhinga	10

Whāinga	Ko ngā ākongā kua whakawhiwhia ki te paerewa paetae nei, e āhei ana ki te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā.
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Whakaraupapa	Core Generic > Work and Study Skills
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Ngā tohu	Paetae
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Kōrero whakamārama

- 1 Ko tēnei paerewa, nō te huinga paerewa Te Reo Matatini me te Pāngarau me mātua kawē mō *Te Taumata Mātauranga ā-Motu kua Taea*. Ka aromātai tahi tēnei paerewa me te paerewa 32415, *Ka whakamahi i te reo kia tutuki ai tētahi pūtakenga whakawhiti kōrero, tuhituhi hoki tae atu ki te paerewa 32413, Ka mārama, ka tautohu i ngā whakaaro matua o tētahi reo ā-waha, o tētahi reo ā-tā hoki* i ngā pūkenga tūāpapa o Te Reo Matatini me te Pāngarau e whai wāhi tonu ai te ākongā ki te ako, ki te mahi, me ērā atu āhuatanga o tōna oranga.
- 2 Mō tēnei paerewa, ko te pāngarau te āheinga o te ākongā ki te whai, ki te whakamahi, ki te whakamāori, ki te whakawhitiwhiti whakaaro pāngarau, me te reo matatini o te pāngarau hoki e taea ai e ngā ākongā te uru atu ki ētahi atu akoranga, te whakawhanake i ngā pūkenga nui o te ao whānui, me te uru atu ki ngā mahi me ō rātou hāpori. Kei roto hoki ko te mārama ki ngā āhuatanga ahurea-pāpori.
- 3 E hono ana tēnei paerewa ki ngā tukanga me ngā akoranga tāpua o te Tukutuku Ako o – Pāngarau, kei te whārangi ipurangi ncea.education.govt.nz.

E hono ana hoki tēnei ki ngā anga e toru e whai ake nei:
 - te mutunga o te taumata 4 me te tīmatatanga o te taumata 5 o te marautanga Pāngarau.
 - te kaupae 5 o ngā Learning Progressions for Adult Numeracy (LPAN)
 - ngā whāinga o te Tīrewa Ako Pāngarau.
- 4 Me whakaatu māramatanga ngā ākongā ki ngā ngohe aromatawai e whai wāhi mai ana i te putanga ako me ngā whenu: Te Tau me Te Taurangi, Te Ine me Te Āhuahanga, me Te Tauanga.

- 5 Taunakitanga:
Tūmahi Aromatawai Pātahi (TAPā):
Mā Te Mana Tohu Mātauranga o Aotearoa (NZQA) te Tūmahi Aromatawai Pātahi (TAPā) e whakarite. Ka maakahia hoki ngā whakautu ā ngā ākonga e NZQA.
- Kete Manarua:
- Mā Te Mana Tohu Mātauranga o Aotearoa (NZQA) tētahi tauira e whakarite.
 - Mā te ākonga me ōna kaiako ngā taunakitanga ka puta i ngā kaupapa ako i te roanga o te wā e kohikohi hei Kete Manarua.
 - Ka maakahia hoki ngā whakautu ā ngā ākonga e NZQA.
- 6 Ka taea te whakamahi tātaitai mai i te rārangi tātaitai kua whakamanahia e NZQA.
- 7 Ko *te ao o te ākonga* e hāngai atu ana ki te akoranga, ki te ahurea, ki te pāpori, ki te mahi, ki te kāinga o te ākonga.
- 8 Ko te *tikanga pāngarau*, ko ngā rautaki kua whakamahia e te ākonga ki te whakaoti rapanga.
- 9 He kupu taka

aronga	focus
ahurea pāpori	socio economic
akoranga tapua	significant features
paheko	operations
pūāhua	situation
urupare	response
tukanga	process
tukutuku ako	learning matrix
taurangi	variable
whaitake	reasonable
whakamahi	apply
whakakaupapa	contextualise
whakaoti rapanga	solve a problem
whānuitanga	range
whakaaro whānui	big ideas

- 10 Ngā rauemi

Paekupu – <https://paekupu.co.nz/>.

Te Taura Whiri i te Reo Māori (n.d.) *Te Taura Whiri i te Reo Māori Guidelines for Māori Language Orthography*.

<https://www.tetaurawhiri.govt.nz/assets/Uploads/Corporate-docs/Orthographic-conventions/58e52e80e9/Guidelines-for-Maori-Language-Orthography.pdf>.

Te Tāhuhu o te Mātauranga. (2013). *Te Marautanga o Aotearoa*. Te Poutaki Kōrero. (wh. 24-36).

Putanga ako me ngā paearu mahi

Putanga ako 1

Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā.

Paearu mahi

- 1.1 Te whakakaupapa i ngā pūāhua ki ngā tikanga pāngarau.
- Whānuitanga Ko te whiriwhiri i te paheko, i te whakaahuahanga, i te taurangi, i te tikanga rānei hei whakaoti rapanga.
- 1.2 Te whakamahi i ngā tikanga pāngarau e tika ana ki ngā pūāhua.
- Whānuitanga Ko te whakamahi i ngā tikanga pāngarau e hāngai pū ana ki ngā whakaaro whānui, ki ngā pūāhua hei whakaoti rapanga.
- 1.3 Te whakamāori i te whitake o ngā urupare pāngarau ki ngā pūāhua.
- Whānuitanga Ko te whakamāori i ngā whakaotinga, i ngā putanga, i ngā aronga ki te pūāhua.

Rā arotake	31 Tīhema 2026
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Kōrero arotake me te rā whakamutunga mō te aromatawai o ngā putanga i tautuku

Hātepe	Putanga	Rā whakaputa	Rā whakamutunga mō te aromatawai
Rēhītatanga	1	18 Hune 2021	31 Tīhema 2024
Arotakenga	2	29 Pepuere 2024	N/A
Whakahounga	3	27 Noema 2025	N/A

Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga (CMR)	0233
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Ka taea te tiki atu te CMR nei mai i te whārangi ipurangi
<http://www.nzqa.govt.nz/framework/search/index.do>.

He kōrero mo tēnei paerewa

Mehemea he whakaaro, he āwangawanga ōu mō te paerewa nei, tēnā koa whakapā mai ki te Tāhuhu o te Mātauranga (Ministry of Education)
enquiries.national@education.govt.nz.

Te Tautuhinga Aromatawai ā-Waho



Te Paerewa	32412
Te Ingoa o te Paerewa	Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākongā
Ngā whiwhinga	E 10
Te Marau	Te Marautanga o Aotearoa: Te Pāngarau
Te Wāhanga Ako	Te Tukutuku Ako
Te Tukanga Aromatawai ā-Waho	He Kete Manarua
Ngā Momo Tāpaetanga ā-Matihiko	He konae tuhituhi – .PDF (5–20 whārangi)
Ngā Rā Tuku Aromatawai ā-Waho	Te Wāhanga 4: I mua i te 28 Oketopa, 2026.
Ngā Wātaka 2026	<ol style="list-style-type: none"> Ngā Rā Aromatawai 2026 2026 Examination Timetable

Te Whakatakotoranga Aromatawai ā-Waho

He kohinga mahi, he kohinga taunaki rānei nā te ākongā i whakaoti i te roanga ake o te tau hei whakatutuki i ngā Whānuitanga o ngā Paearu Mahi me ngā Putanga Ako. Mā konei e puta ai te ihu o te ākongā i tēnei Paerewa. Ehara tēnei Kete Manarua i te TAPā rānei, i te whakamātautau rānei, he kohikohi taunaki kē ka taka mai i t/ētahi kaupapa ka whakahaerehia e te kaiako i te roanga ake o te tau.

Te Pūāhua

He kaupapa tēnei e whai wāhi ana te ākongā i roto i te kura, i te marae, i te hāpori, i te whānau, i te hāhi, i te karapu tākaro, i te aha atu, i te aha atu.

- Ko te manaaki manuhiri.
- Ko te mahi kai.
- Ko te mahi māra kai.
- Ko te mahi moni mō tētahi kaupapa.
- Ko te hanga rawa.
- Ko te huhua o ngā mahi kē atu.

Ko te tikanga, he mahi tēnei ka mahia i roto i te whānau, i te kura, i te marae, i te hāpori rānei. Ehara i te mahi hou, engari ka hōhonu ake te aro ki ngā wāhanga iti o te pūāhua.

Tēnā tirohia te Kete Manarua i te paetukutuku nei: [He Kete Manarua](#)

E whakaatu ana te Kete Manarua i t/ētahi taura hei kōwhiringa mā te kaiako. Mā te kaiako tonu e whiriwhiri mēnā rānei ka whakamahia te/ngā taura nei, ka whakamahia rānei he mahi

whakaharatau, ka whakaritea rānei he Tūmahi Aromatawai ā-Waho anō.

He Tūmahi Aromatawai ā-waho e ārahi ana i te ākongā ki te whakatutuki i ngā Whānuitanga o ngā Paearu Mahi. Ka whakamahi pāngarau hei whakaoti rapanga mō te ao o te ākongā, ā, ka whakakaupapa i ngā pūāhua. Ka whakamahia ngā tikanga pāngarau, ka whakamāorititia hoki te whaitake o ngā urupare pāngarau ki ngā pūāhua.

Ngā Herenga Aromatawai ā-Waho

He mahi takitahi tēnei mahi me te whakatakoto taunakitanga mō te aromatawai ā-waho mā te ākongā. Kia tutuki pai ai te Kete Manarua ā-matihiko nei:

- me whakaputa hei PDF;
- me noho te rahinga tuari ki raro i te 5GB e pai ai te tārewatanga o ngā mahi ki te Online Digital Submission Portal;
- me tika te whakaraupapatanga o ngā mahi;
- me tika te whakatakotoranga o ngā mahi (kia kaua e noho tītaha, e huripoki rānei);
- me tāmau te kiriata ki te tītohunga ata, otirā, kāore e whakaaetia ana te tukunga o te honongaitua i tōna kotahi.

[Using the new digital submission portal.](#)

Te Motuhēhē o ngā mahi o ngā ākongā

Me pēhea e mōhiotia ai te motuhēhē o ngā mahi a ngā ākongā? He tukanga, he taunakitanga me whai, e mōhiotia ai nā te ākongā ake āna mahi aromatawai ā-waho. Kia mataara ngā ākongā, ngā kaiako me te whānau hoki o te kura ki te motuhēhē o ngā mahi a ngā ākongā.

He māmā noa iho te tiki mahi a tangata kē, heoi, mā te mihi e whakaatu, e whakanui hoki i ngā tāngata me ngā puna awhina i puta ai ngā mahi a ngā ākongā.

Hei tauira:

- He rerenga kupu poto e tohu ana i te pūtakenga mai o tētahi kōrero;
- He rārangi tohutoro i te whārangi whakamutunga o ngā mahi;
- He mihi ki ngā puna āwhina, ki ngā puna kōrero;
- Ngā momo puna awhina, puna kōrero rānei:
 - » he kōrero ā-waha: he uiui i ngā kaumātua, i ngā pakeke, i ngā rangatira, i ngā mātanga rānei;
 - » ngā pukapuka i whakaputaina;
 - » ngā pukapuka kāore anō i whakaputaina;
 - » ngā wāhitau ipurangi, ngā honongaitua rānei.

He kōrero anō kei ngā paetukutuku NZQA:

- [Authenticity: NZQA](#)
- [Myth 3 Managing authenticity: NZQA](#)
- [Authenticity of externally assessed standards: NZQA](#)

- [Guidance on the acceptable use of Artificial Intelligence: NZQA](#)

Te Tāpaetanga me te Hāponotanga

Ko ngā tāpaetanga Kete Manarua me mahi mā te pūnaha hou (kei te paetukutuku matua o MyNZQA): Tāpaetanga pūnaha hou a NZQA.

Kāore te Kete Manarua matihiko e whakahokia ki te ākongā. Mēnā he kōrero anō mō te tāpaetanga me te hāponotanga o te mahi, mā te tari o NZQA e pānui atu ki ngā kura.

Mēnā kei te hiahia āwhina te kura ki te tuku i ngā tāpaetanga o te Kete Manarua:

- Īmērahia a assessment.service.centre@nzqa.govt.nz,
- waeahia rānei te NZQA Contact Centre i te 0800 687 296.

Mahere Aromatawai ā-waho

Te Pūrongo mā te Ākonga | Te Pāngarau

Kaupae 1 | Whiwhinga 10

Paerewa 32412 | Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākonga.

Kura/Whareako Paetoru Nama MOE: _____

Ākonga NSN: _____

Putanga Ako - Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākonga.

Ngā Paearu Mahi		Ngā Whānuitanga	Kua Tutuki	
1.1	Te whakakaupapa i ngā pūāhua ki ngā tikanga pāngarau.	Ko te whiriwhiri i te: <ul style="list-style-type: none"> <input type="checkbox"/> paheko <input type="checkbox"/> taurangi <input type="checkbox"/> whakaahuahanga <input type="checkbox"/> tikanga hei whakaoti rapanga	<input type="checkbox"/> / 4 Kia KOTAHI, nui ake rānei.	<input type="checkbox"/> Āe <input type="checkbox"/> Kāore anō
1.2	Te whakamahi i ngā tikanga pāngarau e tika ana ki ngā pūāhua.	Ko te whakamahi i ngā tnga Pāngarau e hāngi pū ana ki: <ul style="list-style-type: none"> <input type="checkbox"/> ngā whakaaro whānui <input type="checkbox"/> ngā pūāhua hei whakaoti rapanga	<input type="checkbox"/> / 2 Kia RUA o ēnei.	<input type="checkbox"/> Āe <input type="checkbox"/> Kāore anō
1.3	Te whakamāori i te whaitake o ngā urupare pāngarau ki ngā pūāhua.	Ko te whakamāori i ngā: <ul style="list-style-type: none"> <input type="checkbox"/> whakaotinga <input type="checkbox"/> putanga <input type="checkbox"/> aronga ki te pūāhua.	<input type="checkbox"/> / 3 Kia TORU o ēnei.	<input type="checkbox"/> Āe <input type="checkbox"/> Kāore anō
Ngā Whenu Te Ine Te Hanga me te Panoni Te Wāhi me te Āhunga Tau Taurangi Tauanga Tūponotanga.				
Kia eke te ākonga i te Paerewa nei, me whakatutuki ngā Whānuitanga o ngā Paearu Mahi: Paearu Mahi 1 = kia KOTAHI nui ake rānei o ngā Whānuitanga e WHĀ. Paearu Mahi 2 = kia RUA o ngā Whānuitanga e RUA. Paearu Mahi 3 = kia TORU o ngā Whānuitanga e TORU.			Kāore anō kia tutuki te paerewa nei. Kia kaha tonu!	