



## MAHINGA KAI

### PAEREWA 25470 (Taura 5)

Te whakarite, te whakamahi me te arotake i te whakamakuru tipu e ai ki ngā tikanga o te mana whenua.

(Kaupae 3, whiwhinga 10)

# PUKAPUKA ĀKONGA



Ingoa

Te Kura

Kaiako/Kaiaromatawai

NSN Nama

Tēnā koe

Anei tō pukapuka aromatawai mō te Paerewa Ahuwhenua 25470: Te whakarite, te whakamahi me te arotake i te whakamakuru tipu e ai ki ngā tikanga o te mana whenua.

## Paearu aromatawai

### Paetae

Te whakarite, te whakamahi me te arotake i te whakamakuru tipu e ai ki ngā tikanga o te mana whenua.

## Ngā tohutohu

Kia tutuki ai i te paerewa nei:

- me whakarite mahere mō te whakamakuru tipu
- me whakatika i te pārekereke
- me whakamahi i te whakamakuru tipu me te tiaki tahi i te pārekereke, i ngā tipu hoki
- me tuhi pūrongo arotake e ai ki te puāwaitanga a ngā tipu.

Mēnā kua whakaoti i a koe te Paerewa Ahuwhenua 25469, e taea ai e koe te kōwhiri tipu i te pukapuka aratohu.

## Te whakarite tohutoro

Kaua e wareware ki te whakatakoto tika i ngā tohutoro mō te tūmahi aromatawai nei. Me kōrero ki tō kaiaromātai/kaiako e ai ki ngā taura tohutoro e whai ake ana.

### NGĀ TAUIRA TOHUTORO:

#### 1 He pukapuka (kotahi noa te kaituhi)

King, M. (2000). *Wrestling with the angel: A life of Janet Frame*. Auckland, New Zealand: Viking.

#### 2 He tānga kōrero o te akoranga, o te kauwhau (ā-hiko)

Archard, S., Merry, R., & Nicholson, C. (2011). Karakia and waiata [PowerPoint slides]. Retrieved from TEPS757-11B (NET): Communities of Learners website: <http://elearn.waikato.ac.nz/mod/resource/view.php?id=174650>.

#### 3 He kiriata

Māori Television (Producer). (2016). Iwi Anthems, Series 2 Episode 5 [video file]. Retrieved from: <http://www.maoritelevision.com/tv/shows/iwi-anthems/S02E005/iwi-anthems-series-2-episode-5>.

#### 4 He mōheni/niupepa – puta maha/māwhiti/pūrongo

Fox, D. (2015, 15 September). Viewpoint: Not one more acre. *Mana*. Retrieved from: <http://www.mana.co.nz/heritage/viewpoint.html>.

#### 5 Ngā whakapānga tāngata (ā-reta, ā-waea, ā-īmēra, ā-uiui, ā-hui) ehara i te mea ka whakarārangiha (kua kore anō e tiki); heoti me pēnei mō te whakarārangi i roto i te tuinga.

J. Jackson, personal communication, March 12, 2011.

#### 6 Te paetuku o te ipurangi

New Zealand Trade and Enterprise. (n.d.). Agribusiness. Retrieved from <https://www.nzte.govt.nz/en/export/market-research/agribusiness/>.

## Ngā herenga

- Mā kōrua anō ko tō kaiako/kaiaromātai e āta whakatau i ngā tikanga kia whiwhi ai tēnei paerewa (arā te wā oti, ngā mahi whakarite, te mahi aromatawai ā-mua, ā-waenga, ā-muri hoki me te aromātairua).
- Mā kōrua anō ko tō kaiako/kaiaromātai e whiri kōrero e ai ki āu mahi whakaatu me āu rauemi hoki ka whakamahia (tae atu rā ki te whānau, ki te marae, ki ngā whare taonga, ki ngā pukapuka o nehe; ki ngā tānga kōrero o te kōhi, tae noa rā ki te whakamahi rorohiko, kāmera, ipurangi rānei)

## Te Hāponotanga

E ai ki ngā ture o NZQA, nāu anō ngā mahi katoa i whakarite hei aromatawai. E taea ai te mahi me te ako tahi i ētahi atu tāngata hei kohikohi kōrero i ngā puna tautoko huhua. Heoti, me mōhio te Kaiako nāu anō ngā mahi hei aromatawai.

Hei akiaki tonu i te hāponotanga o āu mahi katoa, me whakamahi anō koe i āu ake kupu, ā, me noho mai he āpiti tohutoro i āu puna tautoko. Me he pātai āu, he āwangawanga rānei ōu – kōrero atu ki to kaiaromātai/kaiako.

Tirohia te hononga paetuku nei mō ngā whakamahuki:

<https://www.nzqa.govt.nz/providers-partners/assessment-and-moderation-of-standards/assessment-of-standards/generic-resources/authenticity/>

## KO TĀ TE ĀKONGA PEPA AROMATAWAI

Ingoa

NSN #

### Putanga 1

Whakarite mahere mō te whakamakuru tipu e ai ki ngā tikanga o te mana whenua.

## Tūmahi Aromatawai 1

Whakaritea mai he mahere whakamakuru tipu mō ngā tipu e rua e ai ki ngā herenga a te tipu kua tohua me ngā tikanga o te mana whenua.

### TE MAHERE WHAKAMAKURU TIPU

#### Kōwhira e RUA (2) ngā tipu mō te whakamakuru

TIPU 1

TIPU 2

Me whakamārama atu tō mahere i ngā whāinga e RUA (2), pēnei i te:

- whakatupu
- kounga
- puna kākano
- ngā matapae.

Me whakamārama atu tō mahere i ngā takoto whenua e RUA (2), pēnei i te:

- taiao
- rā
- ahu
- ahunga
- oneone.

<p>Me whakamārama hoki tō mahere i ngā wā pai me ngā wāhanga o te tau e tika ana mō te whakamakuru tipu, pēnei i te:</p> <ul style="list-style-type: none"> <li>• whakamahinga a te maramataka Māori</li> <li>• whai i ngā tikanga o Matarki.</li> </ul>	
<p>Me whakamārama atu tō mahere i ngā tukanga e RUA (2) mō te pārekereke, pēnei i te:</p> <ul style="list-style-type: none"> <li>• tupuke whenua</li> <li>• ruirui kākano</li> <li>• whakawhiti tipu</li> <li>• whakatupu ā-ringa</li> <li>• whakatupu ā-mīhini</li> <li>• whakarārangi tipu</li> <li>• ahunga.</li> </ul>	
<p>Me whakamārama atu tō mahere i ngā tukanga TIAKI e RUA (2) i te pārekereke pēnei i te:</p> <ul style="list-style-type: none"> <li>• taputapu</li> <li>• kuhu haurehu</li> <li>• pāmahana</li> <li>• mahi awakeri.</li> </ul>	

Me whakamārama  
atu tō mahere i ngā  
matapae kotiti e RUA  
(2) pēnei i te:

- huarere
- pakaru, te pūhore  
rānei a ngā mīhini
- mate haere a ngā  
tipu.

Ko te aronga o ngā TŪMAHI AROMATAWAI 2 ME TE 3, he mahi ā-ringa, ā-rōpū rānei; engari ka aromatawai tonu i āu ake mahi.

**Putanga 2**
**Whakatika mai i te pārekereke whakamakuru tipu e ai ki ngā tikanga a te mana whenua.**
**Tūmahi Aromatawai 2**

**Me whakarite i te pārekereke e ai ki ngā herenga o te tipu, ki ngā tikanga hoki o te mana whenua.**

Me hauhake, me whakarite i te oneone mō te whakamakuru tipu, ā, whakamāramahia mai ngā āhuatanga e RUA (2) e whai ake nei:

- te tarutaru kore
- te one-takataka
- te takawai.

Me whakatika i te pārekereke kia puta mai ai ngā tukanga mahi e RUA (2) e whai ake nei:

- te kuhu haurehu
- te pāmahana
- te awakeri.

Me whakarite taputapu e RUA (2) mō te whakamakuru tipu; he taputapu ā-ringa, ā-mīhini rānei.

*(Kei te kaiaromātai/kaiako he rārangī mahi kia aroturuki nei koe i āu ake mahi. Me tāpiri hoki i ngā whakaahua tautoko, ngā whakaaturanga ā-hiko rānei).*

**Putanga 3 Whakamahia te whakamakuru tipu e ai ki ngā tikanga o te mana whenua.**
**Tūmahi Aromatawai 3**

Whakamahia te whakamakuru tipu ME te tiaki pārekereke tipu e ai ki tō mahere.

Kei te kaiaromātai/kaiako tana rārangi mahi hei whai i a koe e mahi ana.

**Tūmahi Aromatawai 4**

Tuhia he pūrongo arotake mō te tukanga whakamakuru tipu, ā, kōrerohia e ai ki:

Write an evaluation report on the propagation of crops. The report must evaluate:

- ngā tikanga o te whakamakuru tipu me ngā tukanga i whakamahia kia puāwai ai ngā tipu
- ngā kotititanga o te mahere i pā mai ki ngā tipu
- ngā āhuatanga o te whakamakuru tipu hei whakapakari, kia matomato ai ngā tipu
- ngā herenga a te tipu me ngā tikanga o te mana whenua.

**TE PŪRONGO AROTAKE**

## He pitopito kōrero: