
He mea tārai e mātou te mātauranga
kia rangatira ai, kia mana taurite ai ōna huanga.

We shape an education system that delivers
equitable and excellent outcomes.



evaluation
associates
Te Huinga Kākākura
Mātauranga

Te Manu Ka Rere

Te Reo Pāngarau

Jessica Parangi

September 2025



Karakia timatanga

Tau mai te mauri o te wānanga,
Ki runga ki ēnei pūkenga,
Kia mātāmua ai, ko te ako kounga, a te tamaiti,
Ko ia ki mua, ko ia ki muri o ēnei kōrero,
Kia puta ai ia, ki te whaiao, ki te ao mārama!
Hui e, tāiki e!

*Bestow the life force of learning,
Upon these repositories,
So that aspiration of quality learning for our children is
paramount,
And remains at the forefront of all of our works,
So that they may flourish and thrive,
For all eternity!*



He aha te ariā o Pāngarau?

Ko te Pāngarau te āheinga o ngā tāngata ki te whai, ki te whakamahi, ki te whakamārama, ki te whakawhitiwhiti kōrero, whakawhitiwhiti whakaaro mō ngā pārongo me whakaaro pāngarau, tauanga, hei kawe, hei whakahaere i ngā wero pāngarau me ngā wero tauanga o ngā pūāhua huhua o te ako, o ngā kawenga o ia rā, o ngā kawenga a te kirirarau pai, o ngā tini horopaki ahurea-pāpori, o te mahi anō hoki.

E tūhono ana te Toi Tātai ki ngā ritenga pāpori o tētahi ahurea, o tētahi horopaki. Whakaritea ai ngā whakatau toi tātai i runga anō i ngā paearu pāpori, ā, ka maha hoki ngā wā me whakamārama, me parahau hoki te taunga.

Ka pai anō te toi tātai hei torotoro i ngā take o te tuakiri ahurea. Māna hoki e tautoko te



Tukutuku Ako

PDF | 535KB

[TIKIAKE](#) [↓](#)



Learning Matrix

PDF | 399KB

[TIKIAKE](#) [↓](#)



Learning Outcomes for Pāngarau

PDF | 535KB

[TIKIAKE](#) [↓](#)

Supporting Ākonga Māori

- Choose kaupapa relevant to the ākonga - te taiao Māori, kaupapa Māori, etc.
- Develop an inquiry
- Linking the pāngarau learning to the kaupapa
- Explaining the outcomes in relation to the inquiry



Ngā Aromatawai 10 ngā whiwhinga

US32412

Te whakamahi pāngarau me te
tauanga hei whakatutuki i ngā hiahia
pāngarau o ngā pūāhua whai take

Kete Manarua

Tūmahi Aromatawai Pātahi

Ngā Rā Aromatawai

Wahanga ako	Paerewa	Wāhanga 2	Wāhanga 3	Wāhanga 4
Te Reo Pāngarau	32412	TAPā 1 19-30 o Mei	TAPā 2 25 o Akuhata – 5 o Hepetema	Kete Manarua rā aukati 29 o Oketopa



Kete Manarua



Te Whakarite Hāngi

Te Tau me te Taurangi

- Tātaihia ngā utu katoa hei whāngai i te hunga
 - Tokohia ngā tāngata
 - Ngā utu ki te hoko kai
- Te pānga o te utu ki te huamoni
 - Te tūtohi
 - Te whārite
 - Te kauwhata

Te Ine me te

- Whakaritea tētahi tohu e hāngai ana ki te hāngi
 - Ngā panonitanga o te tohu
 - Ngā āhua kua whakamahia i roto i te tohu
- Te maha o ia kai (g, kgs)
- Te roa o te wā hei tunu i ia kai

Te Tauanga

- Tūhuratia i ngā momo kai hei whakarite
 - Whakarite i ētahi kauwhata hei whakaatu i ngā raraunga
- Te tūponotanga ka pau katoa, ka kore e kai rānei i tētahi kai



RAPANGA



WHAKATAKOTO I TE RAPANGA KIA MĀRAMA

E whakarite hāngi ana koutou hei hākari mō te wharekura.

Kei tēnā tangata, kei tēnā tangata ana kai reka rawa i roto i te hāngi me ngā kīnaki e reka atu ai te hākari. Nā reira, e hiahia ana ki te mōhio he aha ngā kai hei rau atu ki te hāngi me ngā kai hei kīnaki i te hāngi.

Ka mutu tēnei tūhuratanga, me tātai i te utu hei whāngai i ngā ākonga e 33 o te wharekura o TKKM o Pukemiro me ngā kaiako tokowhitu.



NGĀ KAI WHAKAURU

He aha ngā kai reka ki a koe?
He aha ngā kai reka ki ētahi
atu?

- Poukena
- Kāpeti
- Rīwai
- Kūmara
- Kāroti
- Kānga
- Kongakonga Parāoa
- Mīti kau
- Heihei
- Mīti poaka
- Hipi
- Hōtiti



NGĀ HĀNGI NŌ NGĀ RĀ O MUA



Moa, Kererū, Tītī, Pūkeko, Huhu, Kūmara, Pikopiko, Taro, Pūha



HE PĀTAI TŪHURA

Ko te aha ngā kai reka rawa i te hāngi ki ngā ākonga o te wharekura o TKKM o Pukemiro?

Ko te aha ngā huawhenua me ngā mīti reka rawa i te hāngi ki ngā ākonga o te wharekura o TKKM o Pukemiro?

- He aha ngā mea e inea ana?
- Mā wai?
- Te taupori



MAHERE



TE KOHIKOHI RARAUNGA

Te Whakarite Hāngi

E kohikohi raraunga ana kia mōhio ai he ana ngā kai o te hānga he reka rawa ki ngā ākonga o te wharekura o TKKM o Pukemiro

Kōwhiringia kia **3** ngā huawhenua he reka ki a koe i roto i te hāngi - 1. te huawhenua reka rawa 2. te huawhenua tino reka 3. te huawhenua reka

*

	Kūmara	Rīwai	Kāpeti	Poukena	Kāroti
Kōwhiringa tuatahi	☐	☐	☐	☐	☐
Kōwhiringa tuarua	☐	☐	☐	☐	☐
Kōwhiringa tuatoru	☐	☐	☐	☐	☐

Ngā Huawhenua

- Poukena
- Kāpeti
- Rīwai
- Kūmara
- Kāroti

Ngā Miti

- Kau
- Heihei
- Poaka
- Hipi
- Hōtiti



RARAUNGA



NGĀ RARAUNGA

	D	E	F	G	H	I	J
1	Huawhenua 1	Huawhenua 2	Huawhenua 3	Miti 1	Miti 2	Miti 3	Parāoa Kongakonga
2	Rīwai	Kāpeti	Kūmara	Poaka	Kau	Heihei	1
3	Kūmara	Kāpeti	Rīwai	Poaka	Heihei	Kau	1
4	Kūmara	Kāpeti	Poukena	Hipi	Kau	Heihei	2
5	Kūmara	Poukena	Rīwai	Hipi	Poaka	Kau	1
6	Kūmara	Kāpeti	Rīwai	Hipi	Poaka	Kau	5
7	Rīwai	Kāpeti	Poukena	Hipi	Poaka	Heihei	3
8	Kāpeti	Rīwai	Kūmara	Heihei	Hipi	Kau	5
9	Kāpeti	Rīwai	Kūmara	Hōtiti	Kau	Poaka	5
10	Kāpeti	Rīwai	Poukena	Kau	Hipi	Poaka	3
11	Poukena	Kūmara	Rīwai	Poaka	Heihei	Hipi	1
12	Kāpeti	Poukena	Rīwai	Kau	Hōtiti	Heihei	2
13	Kāpeti	Rīwai	Kūmara	Heihei	Kau	Hipi	1
14	Kāpeti	Rīwai	Kūmara	Heihei	Kau	Poaka	1
15	Kāpeti	Kūmara	Poukena	Kau	Hipi	Heihei	2
16	Kūmara	Rīwai	Kāroti	Kau	Heihei	Hipi	3
17	Rīwai	Kāpeti	Kāroti	Kau	Heihei	Poaka	4
18	Rīwai	Kūmara	Kāpeti	Poaka	Hipi	Heihei	5
19	Kūmara	Poukena	Rīwai	Heihei	Hōtiti	Hipi	2
20	Kāpeti	Rīwai	Kāroti	Poaka	Heihei	Hipi	4
21	Kūmara	Kāpeti	Rīwai	Poaka	Heihei	Hipi	1
22	Rīwai	Kūmara	Kāpeti	Poaka	Kau	Hipi	5
23	Kūmara	Rīwai	Kāpeti	Kau	Poaka	Heihei	1
24	Kūmara	Kāpeti	Rīwai	Kau	Poaka	Heihei	1
25	Rīwai	Poukena	Kūmara	Kau	Hipi	Poaka	1
26	Kūmara	Rīwai	Kāroti	Kau	Heihei	Hipi	4
27	Rīwai	Kāpeti	Kūmara	Kau	Poaka	Heihei	1
28	Kūmara	Rīwai	Poukena	Kau	Poaka	Hipi	5
29	Poukena	Kāpeti	Kūmara	Poaka	Hipi	Kau	2
30	Rīwai	Kāpeti	Kūmara	Kau	Poaka	Heihei	3



TĀTARI



HE TŪTOHI TATAU

	Kūmara	Rīwai	Kāpeti	Poukena	Kāroti	Kau	Poaka	Heihei	Hipi	Hōtiti
Kōwhiringa 1	≡ ≡	≡	≡			≡ ≡ 	≡			
Kōwhiringa 2		≡ ≡	≡ ≡			≡	≡	≡	≡	
Kōwhiringa 3	≡	≡		≡		≡	≡	≡ ≡	≡	
Tapeke	24	26	22	11	4	22	21	21	19	3



NGĀ RARAUNGA HUAWHENUA

	Kūmara	Rīwai	Kāpeti	Poukena	Kāroti
Kōwhiringa 1	11	8	8	2	
Kōwhiringa 2	4	10	11	4	
Kōwhiringa 3	9	8	3	5	4

	Kūmara	Rīwai	Kāpeti	Poukena	Kāroti
Tapeke	24	26	22	11	4



NGĀ RARAUNGA MĪTI

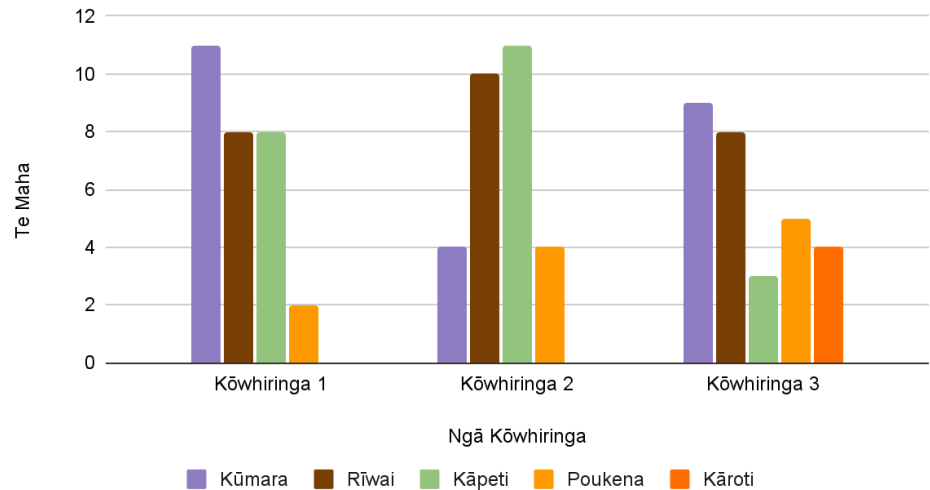
	Kau	Poaka	Heihei	Hipi	Hōtiti
Kōwhiringa 1	12	8	4	4	1
Kōwhiringa 2	6	8	7	6	2
Kōwhiringa 3	5	5	10	9	

	Kau	Poaka	Heihei	Hipi	Hōtiti
Tapeke	23	21	21	19	3

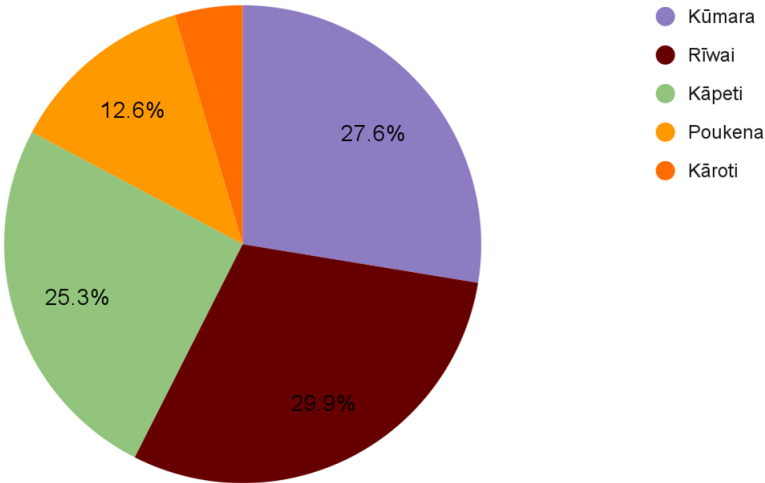


HE KAUWHATA RARAUNGA - NGĀ HUAWHENUA

Ngā Huawhenua Reka Rawa i te Hāngi

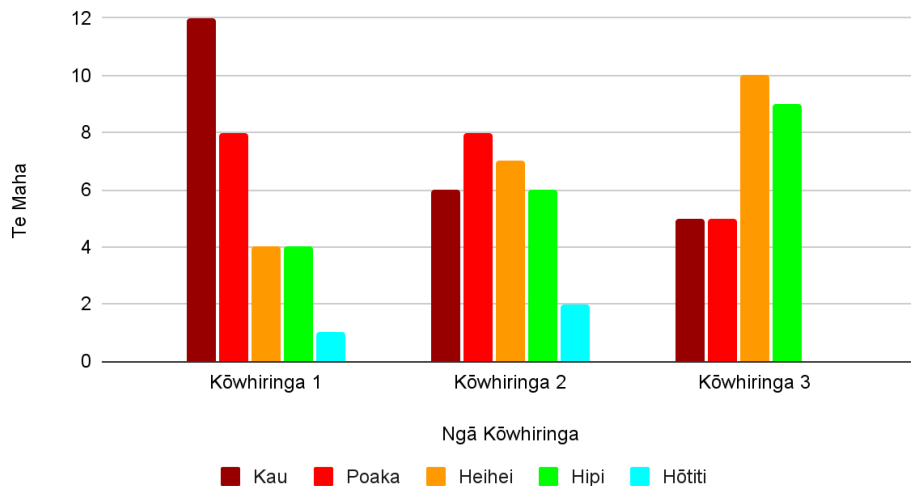


Ngā Huawhenua Reka Rawa i te Hāngi

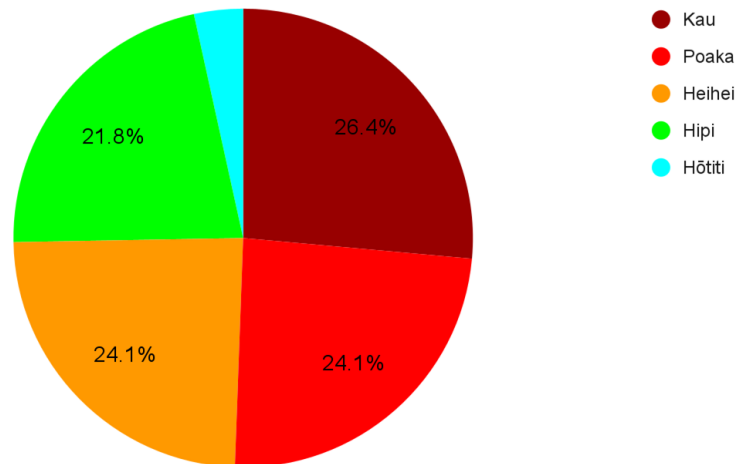


HE KAUWHATA RARAUNGA - NGĀ MĪTI

Ngā Kōwhiringa Mīti

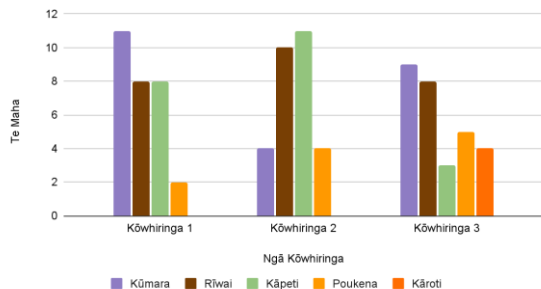


Ngā Mīti Reka Rawa i te Hāngi



TE TĀTARI RARAUNGA

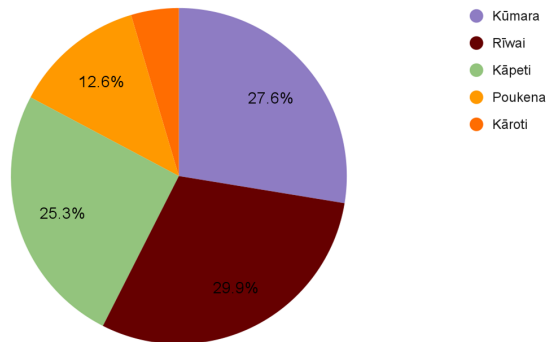
Ngā Kōwhiringa Huawhenua



11 ngā ākonga i tohua ko te kūmara hei huawhenua matua.

Ko te rīwai te huawhenua reka rawa ki te nuinga o ngā ākonga o te wharekura. E 29.9% ngā ākonga o te wharekura i whakaae ki a rau atu te rīwai ki te hāngi.

Ngā Huawhenua Reka Rawa i te Hāngi



E kore e rau atu te kāroti ki tēnei hāngi. Tokowhā noa iho ngā ākonga i kōwhiri i te kāroti, ā, he kōwhiringa tuatoru tēnei nā rātou. Nā reira, ehara i te mea he huawhenua reka rawa ki a rātou.



OTINGA



TE WHAKATAU

Ko te aha ngā
huawhenua me ngā mīti
reka rawa i te hāngi ki
ngā ākonga o te
wharekura o TKKM o
Pukemiro?

Ko ngā huawhenua me
ngā mīti reka rawa i te
hāngi ki ngā ākonga o
te wharekura o TKKM o
Pukemiro ko te rīwai, te
kūmara, te kāpeti, te
kau, te poaka me te
heihei.



HE PĀTAI ANŌ...

Ko te aha ngā kīnaki i te
hāngi reka rawa ki ngā
ākonga o te wharekura
o TKKM o Pukemiro?

Ko te aha momo tikanga
tunu hāngi reka rawa ki
ngā ākonga o te
wharekura o TKKM o
Pukemiro?



TE WHAKARITE TOHU



Te Whakarite Tohu

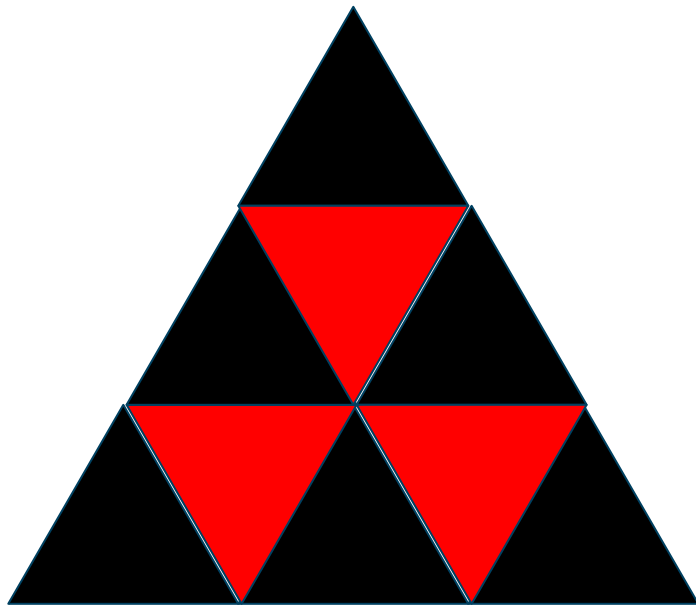
Ko te tohu tēnei o TKKM o Pukemiro. I tīpakohia i tēnei tohu i te mea mā ngā ākonga me ngā kaiako o TKKM o Pukemiro tēnei hāngi.



Ko te mātāoroko tēnei. I neke i te mātāoroko kia hua mai ai ngā tapatoru mangū e 6.



I huri i te mātāoroko kia 180, katahi i panoni i te tae ki te whero. Ka neke i tēnei tapatoru whero kia hua mai ai ngā tapatoru whero e 3.



TE WHAKARITE I NGĀ UTU



Te Whakarite Utu

Kua kapomata i ngā utu i te
paetukutuku o Pak n Save
Kaitaia i te 22/07/24

Ngā utu mō ngā huawhenua

Ngā utu mō ngā mīti

Ngā utu mō te kongakonga parāoa



NGĀ UTU MŌ NGĀ HUAWHENUA

Red Kumara

kg



4.99
kg

\$0.50/100g



1

ea ▾

Add

Product of New Zealand

White Washed Potatoes

kg



1.99
kg

\$1.99/1kg



1

ea ▾

Add

Product of New Zealand

Green Cabbage

ea



3.69
ea

\$3.69/ea



1

ea

Add

Product of New Zealand

Crown Pumpkin

ea



3.99
ea

\$3.99/ea



1

ea

Add

Product of New Zealand

- 4kg kumara =
- 6kgs rīwai =
- 3 ngā kāpeti =
- 2 ngā poukena =



NGĀ UTU MŌ NGĀ MĪTI

Beef Brisket On The Bone

kg



13⁹⁹ \$1.40/100g
kg



0.4

kg

Add

Product of New Zealand

NZ Pork Loin Chops

kg



16⁹⁹ \$16.99/1kg
kg



0.1

kg

Add

Product of New Zealand

Tegel Chicken Drums

5kg



26⁹⁹ \$5.40/kg
ea



1

ea

Add

Proudly made right h... [Show more](#)

6kg mīti kau
(brisket) =

6kg mīti poaka
(pork chops loin) =

2 ngā pēke heihei
5kg =

NGĀ UTU - KONGAKONGA PARĀOA

EVERYDAY LOW Pams Value White Toast Fresh Sliced Bread 600g  1 15 ea \$0.19/100g 1 ea Add	EXTRA LOW Carrots kg  1 19 kg \$0.12/100g 1 ea Add Product of New Zealand	EXTRA LOW Brown Onions kg  1 19 kg \$0.12/100g 1 ea Add Product of New Zealand	Gregg's Mixed Herbs 15g  2 69 ea \$17.93/100g 1 ea Add	Pams Pure Butter 500g  5 49 ea \$1.10/100g 1 ea Add
--	---	--	---	--

- 3 ngā pata 500g
- 500g mixed herbs
- 500g kāroti =
- 500g aniana =
- 3 ngā kāpeti =
- Parāoa =



Te Wāwahi i ngā Utu

He \$\$\$\$\$ te utu ki te hoko i ngā
kai katoa mō te hāngi hei whāngai
i te wharekura o TKKM o Pukemiro,
e 40 ngā tāngata.

E \$\$\$\$\$ te utu hei whāngai i te
tāngata kotahi.

Kua whakaritea kia hokona atu ngā
hāngi mō te \$15.



Te Tātai i te Huamoni

Hāngi (h)	1	2	10	30	40
Utu (ki te tunu)	\$8.12	\$16.24	\$81.20	\$243.60	\$324.80
Utu (hokona atu)	\$15	\$30	\$75	\$150	\$450
Huamoni (H)	\$6.88	\$13.76	\$68.8	\$206.40	\$275.20

Whārite - $H = 15h - 8.12h$

Mo nga hangi e 40, $H = 15(40) - 8.12(40)$

$H = \$275.20$

E \$275.20 te huamoni ki te hokona atu nga hangi 40 mo te \$15



Te Taka me te Tunu i te Hāngi

0900 Taka i ngā kai (1.5 hāora)

Whakakā i te hāngi kia
wera te wai

(0.5 hāora)

1030 Tunu i te hāngi (3.5 hāora)

1400 Kua rite te hāngi

5 hāora mai te tīmatanga ki te mutunga



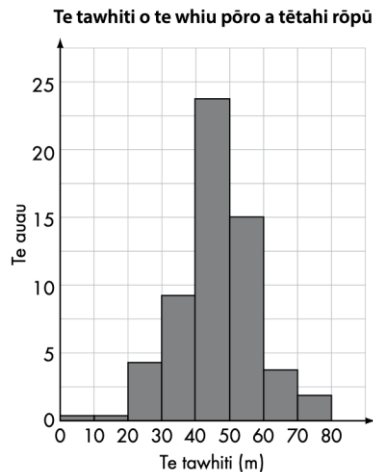
Tauanga

Taumata 4 & 5

- Kauwhata Pouhere
- Kauwhata Marara
- Kauwhata Kauamo



Kauwhata Pouhere



He āhua rite tēnei momo ki te kauwhata pou, engari ka piri tahi ngā pou i runga anō i te motukore o ngā raraunga.

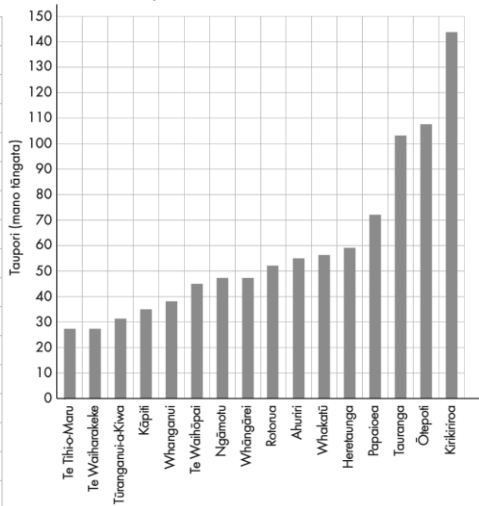


Te Kauwhata Pou me te Kauwhata Pouhere

Te taupori o ētahi tāone o Aotearoa

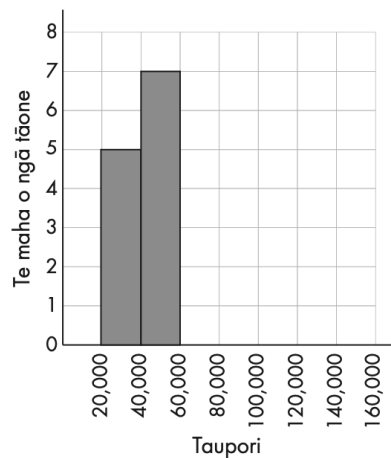
Te tāone	Taupori (2010)
Ahuriri	54,832
Heretaunga	59,615
Kāpiti	35,609
Kirikiriroa	143,602
Ngāmotu	47,531
Ōtepoti	107,027
Papaioea	72,412
Rotorua	52,987
Tauranga	103,210
Te Waiharakeke	27,342
Te Waihōpai	45,374
Te Tihi-o-Maru	27,112
Tūranganui-a-Kiwa	31,406
Whakatū	56,224
Whanganui	38,908
Whāngārei	47,638

Te taupori o ētahi tāone o Aotearoa

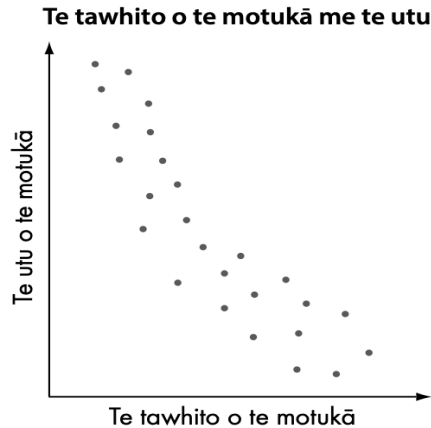


Rōpū taupori	Te maha o ngā tāone
20,000 – 40,000	5
40,000 – 60,000	...
...	...

Ngā rōpū taupori o ngā tāone o Aotearoa



Kauwhata Marara



He āhua rite tēnei momo ki te kauwhata pou, engari ka piri tahi ngā pou i runga anō i te motukore o ngā raraunga.



Kauwhata Kauamo

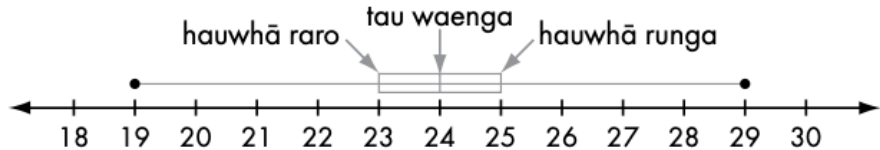
19, 22, 23, 23, 23, 23, 24, 24, 24, 24, 24, 25, 25, 25, 25, 26, 26, 29



He āhua rite tēnei momo ki te kauwhata pou, engari ka piri tahi ngā pou i runga anō i te motukore o ngā raraunga.

Kauwhata Kauamo

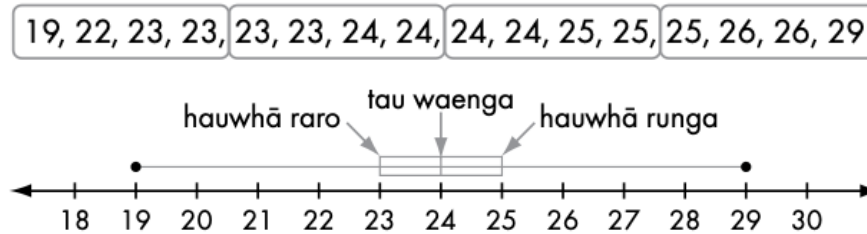
19, 22, 23, 23, 23, 23, 24, 24, 24, 24, 25, 25, 25, 25, 26, 26, 29



E whitu ngā inenga raraunga:

- mōkito
- mōrahi
- hauwhā runga
- hauwhā raro
- tau waenga
- ine whānui
- ine hauwhātanga

He tauira rerenga kōrero:



Ko te 29 te mōrahi o ngā raraunga, arā, te tau nui rawa o roto i te huinga.

Ko te 19 te mōkito o ngā raraunga, arā, te tau iti rawa o roto i te huinga.

E tātaihia ai te ine whānui, ka tangohia te mōkito i te mōrahi: $29 - 19 = 10$

Ko te 10 te ine whānui mō tēnei huinga raraunga.

Ko te 23 te hauwhā raro nā te mea e 25% o ngā raraunga kei raro iho i te 23.

Ko te 25 te hauwhā runga nā te mea e 25% o ngā raraunga kei runga ake i te 25.

He tino whāiti te hora o ngā raraunga o te ine hauwhātanga.

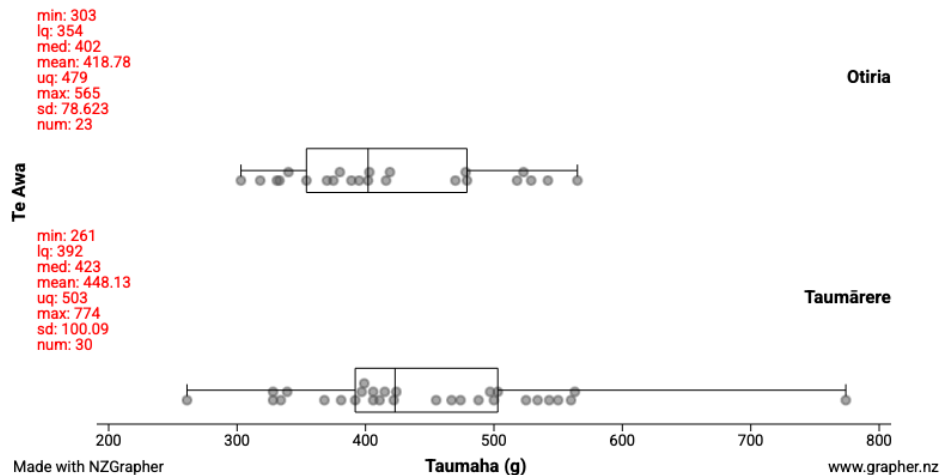




He Pātai Whakatairite

He taumaha ake ngā tuna hikumutu i
Otiria i ngā tuna hikumutu i
Taumārere?

Te Taumaha o Ngā Tuna Hikumutu i Taumārere me Otiria



He roa ake nga tuna hikuroa i te awa
o Taumārere i nga tuna hikuroa i
Otiria?

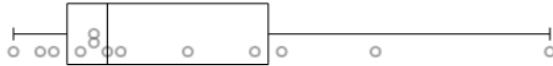
- Te whānui/whāiti o te hora o ngā raraunga
- Mōwaho
- Tūari tītaha ana ngā raraunga ki te mauī/matau/māori.

Ngā Kitenga

Te tāroaroa o ngā ākonga o ētahi akomanga e rua (cm)

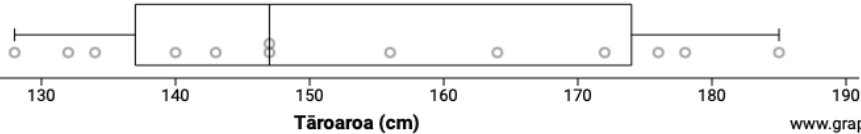
min: 135
lq: 139
med: 142
mean: 146.92
uq: 154
max: 175
sd: 11.536
num: 13

Akomanga 1



min: 128
lq: 137
med: 147
mean: 154
uq: 174
max: 185
sd: 19.201
num: 13

Akomanga 2



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[www.grapher](http://www.grapher.co.nz)



Tūponotanga

- Tūtohi
- Hoahoa rākau



PATAI TŪPONOTANGA

Ko te aha te tūponotanga ka mau he tuna hikumutu i Raparapa?

Ko te aha te tūponotanga ka mau he tuna hikumutu i Taumārere?

Ko te aha te tūponotanga ka mau he tuna hikuroa i Taumārere?

Ko te aha te tūponotanga ka mau he tuna hikumutu i Otiria?

Ko te aha te tūponotanga ka mau he tuna hikuroa i Raparapa?



TAPĀ

E rua wā ia tau



Searches

Exams and assessments

Digital submissions / Kete manarua

External Moderation [↗](#)

Past exams [↗](#)

Download end-of-year timetable exams [↗](#)

Download other external assessments and resources [↗](#)

Exam centre timetable [↗](#)

[? MyNZQA Support ↗](#)

Exams and assessments

I want to ...

Submit digital submissions

Check learners' digital submissions and submit them to NZQA

Digital submissions / Kete manarua [→](#)

Use the external moderation application

Use the external moderation application

External moderation [↗](#)

Access past exams

Access past exam content and past digital exams

Past exams [↗](#)

Download end-of-year timetable exams

Download exam paper PDF files

Download end-of-year timetable exams [↗](#)



←

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↺

🔍

secure.nzqa.govt.nz/for-providers/schools/downloads/exam-papers-past.do

☆

J

⋮

🗑️

Te Kura Kaupapa M...

🔑 Log in to NZQA - N...

🏠 Te Ine - Hei Tautoko...

🏠 Hei Tautoko i te Mar...

Assessments

Record of Achievement

School's Administration

Data File Submission

File Downloads and Searches

Billing Report

Financial Assistance

Circulars

Forms

Logout

Select a subject

Te Reo Pāngarau Term 2

Select a level

Level 1

Te Reo Pāngarau Term 2, Level 1 2025

Use this **past assessment** to practice using the on-line assessment platform.
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To begin the past assessment:

- Click **Enter Past Assessment** below.
- Enter the username and verification code, if required.
- Enter **0000** when asked for a 4-digit access code.

ENTER PAST ASSESSMENT



Ngā Pātai

- Panoni
- Tau
- Pythagoras
- Horahanga
- Paenga
- Ahunga
- Hautau, ōrau, ōwehenga
- Kauwhata rārangi
- Taurangi
- Kauwhata kauamo



He Tauira Pātai

NCEA Kaupae 1 Te Reo Pāngarau, 2025

Paerewa 324121

Te Reo

TE MANAAKI MANUWHIRI

E haere mai ana tētehi ope ki tō marae, ki reira wānanga ai. Ko te Tūrei, te 7 o Haratua, te rā i tae mai ai te rongo ka whakaeke te ope nei hei te 22 o Haratua.

1. E hia ngā rā i waenga i te taenga mai o te rongo me te whakaekenga o te ope?

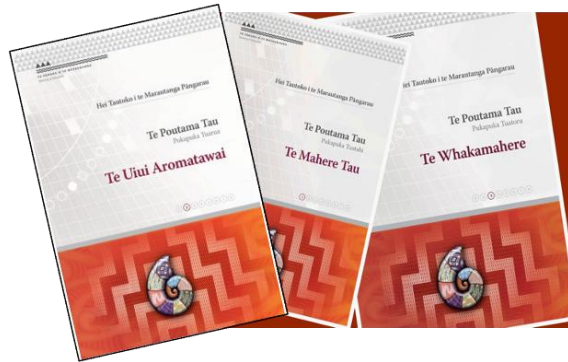
B *I* U

2. E whitu ngā wēne ka tae mai, ā, ka 12 ki ia wēne. Ko te aha te tokomaha nui katoa ka kawea mai e te ope nei?

B *I* U



Ētahi Rauemi

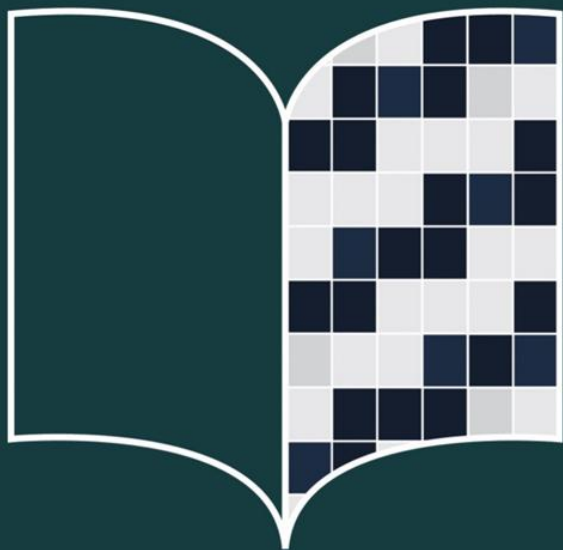


e-ako
pāngarau



He Pātai?





TE ATAKAU

jess.parangi@gmail.com

02102673405

Karakia whakamutunga

Tēnei rā te whakairi ake i te kete o te wānanga,
Tōna mauri nō runga, nō Rangi, nō raro, nō Papa,
Tēnei te mauri o te mātauranga ka whakatakina ake,
Kia wātea ai ēnei pūkenga,
Hui e, tāiki e!

*May we close these discussions of learning,
Whose essence is derived from both divine and earthly sources,
The life force of knowledge is reaffirmed
to allow this gathering to finish,
Forever bound!*



He mea tārai e mātou te mātauranga
kia rangatira ai, kia mana taurite ai ōna huanga.

We shape an education system that delivers
equitable and excellent outcomes.



**Te Kāwanatanga
o Aotearoa**
New Zealand Government