

NGĀ PUKA RAPANGA PĀNGARAU TAUNAKI

Tauanga

TAU 4

Pukapuka Kaiako

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Rapanga 1

Ko te pokanga hapori o te rohe ka whakahaere i te hōtaka hākinakina hararei kore utu.

Kei te hiahia rātou ki te mōhio ko ngā hākinakina rongonui o ngā tamariki kei te rohe.

He aha ngā hākinakina e takaro ana koe?
Me pēhea e tango ai i ngā raraunga hei whakautu i tēnei pātai?
Tāuru i ō hua hei whakaatu ki te karaehe.
Ka taea e koe te whakaatu i ēnei i ngā momo rerekē?

Hei āwhina i te kaiako

Kōwhiria tētahi kaupapa e pai ana ki ngā ākonga me tō akomanga (tērā pea ka hono atu ki tō kaupapa tūhura). Hei tauira, ko ngā hākinakina tino pai, ngā ara haere ki te kura, ngā taputapu papa tākaro tino pai, ngā kai parakuihi.

Tīmatahia me te akomanga katoa mā te pātai i ngā ākonga tētahi pātai e pā ana ki te kaupapa (hei tauira, "**He aha ngā hākinakina e purei ana koe?**") ka whakaputa raraunga kāwai.

Pātaihia ngā ākonga mō ngā huarahi tere hei tuhi i ngā kōrero, ā, whakaaturia te whakamahinga o ngā tohu tatau. Tuhi ki runga i tētahi tēpu kei reira ngā momo hākinakina, ngā tohu tatau, me ngā tau.

Hākinakina	Tatau	Nama

Āwhinatia ngā ākonga ki te kimi huarahi hei whakaatu i ia momo hākinakina. Ārahina rātou kia kite i ngā painga me ngā ngoikoretanga o ngā momo whakaaturanga rerekē.

Aroturukitia mēnā e mōhio ana ngā ākonga he māmā ake te whakamahi i ngā tohu māmā, iti, ā, me te whakaraupapa i ngā tohu i roto i tētahi rārangi mō ia kāwai kia māmā ake te whakataurite. Kia mataara hoki ki ngā ākonga e kite ana ka taea te whakamahi i te tohu kotahi mō ia momo hākinakina.

Ārahina ngā ākonga kia whakarārangi tika i ngā tohu i a rātou e tuhi ana, kia māmā ake te pānui.

Hei mahi motuhake, me whai pepa kauwhata hei āwhina i ngā ākonga ki te hanga kauwhata.

Whakaaro Matua o te Ao Pāngarau

Ka taea te tūhura i ngā whakaaro me ngā pātai e pā ana ki tētahi kaupapa mā te kohi raraunga me te whakamahi i taua raraunga hei whakautu i ngā pātai.

Ka rerekē te raraunga i ngā momo huarahi (hei tauira, ka rerekē te rahi me te tae o tētahi mea) ā, ka taea hoki te whakaraupapa i runga i ngā āhuatanga rerekē (ā-wāhanga, ā-tau).

Ka taea te whakaatu me te whakawhitiwhiti raraunga i roto i ngā momo huarahi maha, tae atu ki ngā whakaaturanga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga

-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kohi raraunga.

Wā toha

Tohua ngā ākonga hei whakawhiti i ā rātou whakaaturanga e whakaatu marama ana i te raraunga. Me whai wāhi ki tēnei he tohu māmā, he ōrite te āhua, te wāhi, me te whakaritenga.

Hono

Whakamahia te pepa kauwhata hei hanga i tētahi whakaaturanga o te raraunga.

He aha ngā mea ka taea te tāpiri ki te kauwhata hei māmā ake te tatau?

[Āwhinatia ngā ākonga ki te kite ko te tapa i ngā pou me te tāpiri tau ka māmā ake te pānui.]

Whainga ako Ka ako ngā mokopuna ki te:

Kohikohi, whakarōpū, me te tatau raraunga.

Tātarihia, ka whakaatu i te raraunga e tika ana mā ngā whakaaturanga rerekē.

Whakarōpūhia ngā tau hei tātai i tētahi huinga.

Whakapāhohia ngā hua mā te tohu ki tētahi whakaaturanga raraunga, me te arotahi ki ngā ōritetanga me ngā rerekētanga.

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura..

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Rapanga Motuhake

Kei te hoko te whare pukapuka ā-rohe i ētahi mahi hei taurewa mā ngā tamariki. I whakataou rātou ki te pātai ki ngā tamariki i toro mai, he aha ngā mahi e hiahia ana rātou, mai i ngā kēmu papa, ngā panga, ngā kēmu kāri, me te tuhituhi. Koinei ngā hua i kitea e rātou:

Keemu Poari	Keemu kaari	Papahonohono
Papahonohono	Taa pikitia	Keemu Poari
Keemu Poari	Papahonohono	Keemu kaari
Taa pikitia	Keemu kaari	Papahonohono
Drawing	Keemu Poari	Papahonohono
Keemu kaari	Keemu Poari	Taa pikitia
Taa pikitia	Taa pikitia	Keemu Poari
Keemu kaari	Papahonohono	Keemu Poari
Keemu Poari	Keemu kaari	Papahonohono
Keemu kaari	Keemu kaari	Keemu kaari
Keemu Poari	Taa pikitia	Keemu Poari
Keemu kaari	Keemu Poari	Keemu Poari

Tāhoputia ō hua mā te ripanga raraunga me ngā tohu tatau.

Ngohe	Tatau	Nama
Taa pikitia		
Kēmu Poari		
Keemu kaari		
Papahonohono		

Ināianei tohu i tēnei hei kauwhata.

Ngā tini mata o te Reo Pāngarau

Tatauranga, raraunga, tauira, tūhura, whakaraupapa, whakaatu, whakarōpū, raraunga kāwai, tohu tatau, kauwhata, whakarōpū (whakawehe), whakaatu, whakawhitiwhiti, matapae, hua, whakataurite, ōritetanga, rerekētanga.

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Rapanga 2

Te Ota a Ollie's Ice-Cream: He Uiuitanga Raraunga
He aha ngā mea hei mōhio mā rātou?

He aha ngā rongoā miraka reka e tino hokona ana?

E hia ngā miraka reka me tonono?

He aha ngā rahi, ngā reka, me ngā momo pākei e hiahiatia ana
e te hunga kiritaki?

He pēhea te rerekē o ngā hoko i ngā wāhanga tau (raumati,
takurua, etc.)?

He aha ngā utu mai i ngā kaiwhakarato?

Hei āwhina i te kaiako

Kōwhiri i tētahi Kaupapa - Tohua tētahi kaupapa e pai ana ki ngā
ākonga, pēnei i ngā rongoā miraka reka, te āwhina i te kāinga, ngā
mahi whakangāhau. Me whakarite kia taea e ngā ākonga te tuku
pātai rerekē e pā ana ki taua kaupapa.

Whakarewa i te Uiuitanga - Tonoa ngā ākonga kia whakaarotia ngā
momo mea ka taea te tūhura e pā ana ki te kaupapa.

Tuhi ngā whakaaro katoa ki te papa tuhituhi.

Āwhinatia ngā ākonga ki te whakawhanake i tētahi pātai hei kohi
raraunga. Hei tauira:

"He aha tō rongoā miraka reka tino pai?"

"He pēhea te maha o ngā wā e āwhina ai koe i te kāinga i ia wiki?"

"He aha ngā mahi whakangāhau e tino rata ana koe?"

Me whakarite kia māmā te pātai ki te whakautu me te kohi raraunga.

Kohikohi me te Tuhi Raraunga - Aroturukitia ngā ākonga e āhei ana
ki te kohi raraunga i runga i tētahi tikanga whakaraupapa, pēnei i:

Ngā tohu tataau

Tētahi tēpu raraunga

Hangaia he Kauwhata hei Whakaatu i te Raraunga - Whakamahia
ngā pepa rārangi, ngā pepa post-it, pepa kauwhata rānei hei hanga
kauwhata. Aroturukitia mēnā ka whakaraupapa tika ngā tohu kia
māmā ake te pānui. Me mātua tāpiri he pane mō ia pou me ngā tau
mō te tataau.

Mahi Motuhake - Tukua he pepa kauwhata hei hanga i ngā
kauwhata takitahi. Whakatenatenahia ngā ākonga ki te
whakamārama i ā rātou kitenga, pēnei i:

Ko tēhea te mea rongonui rawa?

Ko tēhea te mea iti rawa te kōwhiria?

He aha ngā ōritetanga me ngā rerekētanga i waenga i ngā raraunga?

Whakaaro Matua o te Ao Pāngarau

*Ka taea te tūhura i ngā
whakaaro me ngā pātai e
pā ana ki tētahi kaupapa
mā te kohi raraunga me te
whakamahi i taua raraunga
hei whakautu i ngā pātai.*

*Ka rerekē te raraunga i ngā
momo huarahi (hei tauira,
ka rerekē te rahi me te tae o
tētahi mea) ā, ka taea hoki
te whakaraupapa i runga i
ngā āhuatanga rerekē (ā-
wāhanga, ā-tau).*

*Ka taea te whakaatu me te
whakawhitiwhiti raraunga i
roto i ngā momo huarahi
maha, tae atu ki ngā
whakaaturanga raraunga.*

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

*Tūhura pūāhua
whakarāpopoto me ngā
pūāhua whakatairite ki ngā
raraunga whakarōpū me ngā
raraunga motu-motu mā te
whakamahi i ngā raraunga
matatini (kia rua nui ake rānei
ngā taurangirangi):*

*-Tautohu i ngā taurangirangi
e inehia ana*

*-Whakarite pātai
whakarāpopoto, pātai
whakatairite hoki kia*

whakautua e te raraunga

*-Whakaputa whakapaenga,
tāpaetanga rānei mō ngā
putanga kawatau.*

Whakamahere

*Whakamahere ki te kohi
raraunga hei taunaki i te pātai
tūhura:*

*-Whiriwhiri i te rōpū e
rangahautia ana*

*-Whiriwhiri i ngā
taurangirangi e kohia ana*

*-Whai whakaaro mō ngā
ritenga matatika i te wā o te
kohi raraunga.*

Wā toha

Tohua ngā ākonga hei whakawhiti i ā rātou whakaaturanga e whakaatu marama ana i te raraunga. Me whakamahi i tētahi tohu māmā, kia ōrite te āhua, te wāhi, me te whakaritenga.

Hono

1. Whakamahia te pepa kauwhata hei hanga i tētahi whakaaturanga poutū o te raraunga.
2. Hangaia he kauwhata pou hei whakaatu i tō raraunga.
3. Hanga kōrero e pā ana ki te kauwhata, pērā i:
He aha te mea i tino rongonui?
He aha te mea i iti ake te kōwhiria?
E hia te rerekētanga i waenga i ngā kōwhiringa?

Whaingā ako Ka ako ngā mokopuna ki te:

Kohikohi, whakarōpū, me te whakaraupapa raraunga.

Tātarihia, ka whakaatu i te raraunga e tika ana mā ngā momo whakaaturanga rerekē.

Whakarōpūhia ngā huinga i ngā huarahi rerekē hei kimi i te tapeke.

Whakapāhohia ngā hua mā te tohu ki tētahi whakaaturanga raraunga, me te arotahi ki ngā ōritetanga me ngā rerekētanga.

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

*Whakautu pātai;
-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura..*

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Rapanga Motuhake

Kei te tono a The Warehouse i ngā kēmu papa mō te hokonga takawhirinaki o te takurua. Kei te mātakitaki rātou i ngā hoko o tētahi toa kotahi i te wā o te hokonga i tērā tau. Koinei ngā raraunga i kohia e rātou.

Scrabble	Monopoly	Game of life
Guess who	Mancala	Monopoly
Scrabble	Scrabble	Monopoly
Monopoly	Monopoly	Monopoly
Guess who	Game of life	Guess who
Monopoly	Guess who	Game of life
Game of life	Monopoly	Scrabble
Monopoly	Monopoly	Guess who
Guess who	Scrabble	Mancala
Mancala	Game of life	Scrabble
Guess who	Guess who	Monopoly
Monopoly	Guess who	Monopoly

Tāhoputia ō hua mā te ripanga raraunga me ngā tohu tatau.

Kēmu poari	Tatau	Nama
Mancala		
Guess who		
Scrabble		
Monopoly		
Game of life		

Ināianeī tohu i tēnei hei kauwhata.

Ngā tini mata o te Reo Pāngarau

Tatauranga, raraunga, tauira, tūhura, whakarite, whakaatu, kōmaka, raraunga kāwai, tohu tatau, kauwhata, whakarārangi, tohu, whakawhitiwhiti, matapae, hua, whakataurite, ōrite, rerekētanga.

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Rapanga 3

Kei te tirotiro te kaunihera ā-rohe ki te pūtea mō ngā huarahi, ngā ara paihikara, me ngā waka tūmatanui. Kei te hiahia rātou ki te mōhio mō te haere ki te kura.

Kei ngā kāri raraunga he mōhiohio mō te ara haere mai o ngā ākongā o ngā reanga pakeke rerekē ki te kura.



He aha tāu e mōhio ai mō te raraunga? Mahia "E miharo ana ahau.." ngā kōrero.

He aha ngā pātai ka taea e koe te pātai mō tēnei huinga raraunga?

Kōmakatia ngā kāri raraunga ki ngā huinga.

Tāhoputia ō hua ki tētahi ripanga.

Hei āwhina i te kaiako

Whakahau Mahinga Raraunga i te Kāinga me te Kura

Me te akomanga katoa i mua i te tīmatanga o te mahi, kōrero mō ngā huarahi rerekē e taea ai e rātou te āwhina i te kāinga. Āwhinatia te akomanga ki te waihanga i ngā pātai ka taea te tūhura. Tonoa rātou ki te tuhi i ā rātou ake pātai e toru (ka taea hoki tēnei hei mahi tuhituhi). Tuhia ēnei pātai e toru, ā, tonoa ngā ākongā o ētahi atu akomanga o te kura kia whakakī i ngā kāri raraunga, kātahi ka whakahoki mai mō te Mahi 5. Tirohia kia tika ngā pātai, ā, mēnā e tika ana, āwhinatia ngā ākongā ki te whakahou, ki te whakarerekē i ngā kupu.

I te tīmatanga o te mahi, whakakorikoria te kōrerorero mō ngā āhutatanga o te raraunga e whakaaturia ana i runga i te kāri. Kaua e whakamārama tika i ngā taurangi, engari tukua ngā ākongā kia kite i ēnei mō rātou anō. Tonoa rātou kia tīpako i tētahi kāri, ā, ka tito i tētahi kōrero mō taua raraunga (hei tauira: "He ākongā 6-tau tēnei e hīkoi ana ki te kura. Ka pau i a ia te 15 meneti ki te haere ki te kura.").

Whakaaro Matua o te Ao Pāngarau

Ka taea te tūhura i ngā whakaaro me ngā pātai e pā ana ki tētahi kaupapa mā te kohi raraunga me te whakamahi i taua raraunga hei whakautu i ngā pātai.

Ka rerekē te raraunga i ngā momo huarahi (hei tauira, ka rerekē te rahi me te tae o tētahi mea) ā, ka taea hoki te whakaraupapa i runga i ngā āhutatanga rerekē (ā-wāhanga, ā-tau).

Ka taea te whakaatu me te whakawhitiwhiti raraunga i roto i ngā momo huarahi maha, tae atu ki ngā whakaaturanga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga

-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kohi raraunga.

Hei āwhina i te kaiako

Ārahina ngā ākonga ki te waihanga i ngā kōrero “Ka whakaaro au...”. Kāore ēnei i te mea he pātai, engari ka taea te whakahou hei pātai. Ki te hiahia āwhina, whakaaturia me pēhea te huri i tētahi kōrero kia riro hei pātai.

Whakaritea he pepa wāwāhi hei waihanga kauwhata. Ka taea te whakamahi hei kauwhata pae, hei kauwhata pou rānei.

Tūmanakohia kia rua ngā momo whakaaturanga a ngā ākonga. Hei tauira:

He tēpu raraunga e whakaatu ana i ngā raraunga mā ngā tohu tatau, ngā tau rānei.

He kauwhata pikitia e whakamahi ana i ngā tohu hei whakaatu i ngā raraunga.

He kauwhata i runga i te pepa wāwāhi.

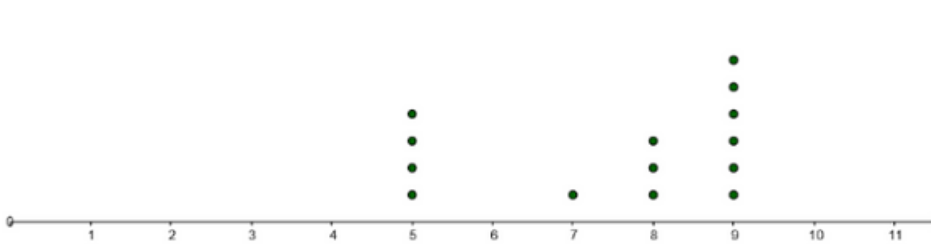
Mō te mahi motuhake, hoatu he huinga kāri raraunga, pepa wāwāhi, whakapiripiri, me ngā tohu waitohu ki ngā ākonga hei whakamahi i te whakaaturanga raraunga.

Wā Toha

Tohua ngā ākonga hei tūhura i te whakaaturanga ā-kauwhata e whakaatu ana i te raraunga kia mārama, me te whakamahi i tētahi tohu māmā, ōrite te āhua, te wāhi mokowā, te whakarārangi tika, ngā upoko mō ngā huinga, me ngā tau hei tatau.

Hono

Homai he whakapiripiri ira ki ngā ākonga, ā, tonoa rātou ki te whakamahi i tētahi wehenga raraunga tau hei waihanga i tētahi kauwhata ira, e whai ana i tētahi tauira kua whakaaturia ki te papa (hei tauira, te wā ka pau i ngā tamariki 8-tau te pakeke ki te hīkoi ki te kura).



I a rātou e kōrero ana ngā tauira mo ngā mea e kitea ana e rātou.

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura.

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga

Whaingā ako Ka ako ngā mokopuna ki te:

Kohikohia, kōmaka, āta whakarōpūhia te raraunga.

Tātarihia me te whakaatu i te raraunga e tika ana mā ngā whakaaturanga rerekē.

Whakarōpūhia ngā huinga hei tāpiri mā ngā huarahi rerekē.

Whakawhitiwhitihia ngā hua mā te whakamahi i tētahi whakaaturanga raraunga, me te arotahi ki ngā ōritetanga me ngā rerekētanga.

Rapanga Motuhake

Kei ngā kāri raraunga he mōhiohio e pā ana ki te huarahi e haere ai ngā ākonga o ngā reanga rerekē ki te kura.

He aha ngā pātai ka taea te uiui mō tēnei huinga raraunga?

Tuhia ō hua ki tētahi tēpu raraunga.

Ka taea e koe te whakaatu i tēnei raraunga i ngā momo huarahi rerekē, pēnei i tētahi kauwhata pae, kauwhata ira rānei?

Ngā tini mata o te Reo Pāngarau

*Tauanga, raraunga, tauira,
tūhura, whakaraupapa,
whakaatu, kōmaka,
whakarōpū, tohu,
whakawhiti kōrero,
matapae, huanga,
whakataurite, ōritetanga,
rerekētanga, tūtohi tatau,
kauwhata, kauwhata ira.*

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Rapanga 4

Ko tētahi huarahi hei whakaatu i te aroha ki a koe anō ko te mahi korikori tinana. I whakataui tētahi rōpū tamariki ki te aru i te nui o tā rātou korikori tinana i te rā mā te whakamahi i tētahi wati aroturuki whakapakari tinana. Anei ā rātou hua i ngā meneti.

15 55 75 30 52 5 32 59

55 42 48 50 55 29 60 35

Whakaraupapatia ngā hua ki tētahi kauwhata kākano me te rau. Hangaia "E miharo ana ahau" me ngā kōrero "E kite ana ahau" mō te raraunga.

Hei āwhina i te kaiako

Me kōrero tahi te akomanga katoa i mua i te tīmatanga o te mahi mō te āwhina i te kāinga hei whakaatu i te aroha ki tō whānau (rānei, kōwhiria tētahi kaupapa e hāngai ana ki ngā ākonga, ki tō kaupapa tūhura rānei). Āwhinatia ngā ākonga ki te waihanga i ngā pātai ka taea te tūhura e pā ana ki te āwhina a ngā tamariki i te kāinga. Tonoa rātou ki te tuhi kia toru ngā pātai hei whakamahi i ngā kāri raraunga ki te whakautu i tā rātou pātai matua [ka taea hoki tēnei hei mahi tuhituhi]. Tuhia ēnei pātai e toru, ā, tonoa tētahi atu akomanga i te kura ki te whakakī i ngā kāri raraunga, kātahi ka whakahokia mai mō Tūmahī 5.

Hei tīmatanga mō tēnei mahi, whakaaturia te hanga o tētahi kauwhata kākano me te rau mā te whakamahi i tētahi huinga raraunga.

Whakaritea he pepa rārangi mō ngā ākonga hei waihanga i ā rātou ake kauwhata kākano me te rau.

Ārahina ngā ākonga kia mōhio ai rātou ki ngā rōpū matua me ngā tau tōraro kei roto i te raraunga. Hei tauira, 75 meneti me te 5 meneti ngā tau tōraro, ā, ko te nuinga kei te takiwā o te 55 meneti mō te korikori tinana.

Aroturukihia ngā ākonga e whakamahi ana i ngā kupu tatauranga, ā, whakatauiria mā te whakamahi i ēnei kupu mō te katoa.

Hei mahi takitahi, hoatu he pepa rārangi, he whakapiri ira, he tohu rānei ki ngā ākonga hei waihanga i ā rātou ake whakaaturanga raraunga.

Whakaaro Matua o te Ao Pāngarau

Ka taea te tūhura i ngā whakaaro me ngā pātai e pā ana ki tētahi kaupapa mā te kohi raraunga me te whakamahi i taua raraunga hei whakautu i ngā pātai.

Ka rerekē te raraunga i ngā momo huarahi (hei tauira, ka rerekē te rahi me te tae o tētahi mea) ā, ka taea hoki te whakaraupapa i runga i ngā āhuatanga rerekē (ā-wāhanga, ā-tau).

Ka taea te whakaatu me te whakawhitiwhiti raraunga i roto i ngā momo huarahi maha, tae atu ki ngā whakaaturanga raraunga.

Ka taea te kite, te whakaahua, me te tātari i ngā tauira kei roto i ngā huinga raraunga mā te whakamahi i ngā whakaaturanga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia

whakautua e te raraunga
-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kohi raraunga.

Wā Toha

Tohua ētahi ākonga hei whakaatu i ā rātou kōrero e miramira ana i ngā rōpū matua me ngā tau tōraro i roto i te raraunga tau. Tuhia ēnei kōrero ki te papa mā, ā, tonoa ngā ākonga katoa ki te whakaae, ki te whakahē rānei i ngā kōrero me ngā take.

Hono

Whakaaturia ngā kauwhata i waihangahia i Tūmahi 1 rānei, Tūmahi 2 rānei, ā, tonoa ngā ākonga ki te whakaputa kōrero mō ēnei whakaaturanga raraunga.

Tuhia e 3-4 ngā kōrero ki te papa mā, ā, tonoa ngā ākonga ki te whakaae, ki te whakahē rānei me ngā take.

Ārahina ngā ākonga kia kite ai rātou:

- Ka whakaatu ngā kauwhata pou me ngā kauwhata pae i te raraunga kāwai.
- Ka whakaatu te kauwhata kākano me te rau i te raraunga tau.

Whaingā ako Ka ako ngā mokopuna ki te:

Waihangahia tētahi pātai tūhura.

Waihangahia he pātai rangahau hei āwhina ki te whakautu i te pātai tūhura.

Whakaaturia ngā raraunga tau ki tētahi kauwhata kākano me te rau.

Hangaia he kōrero mō te raraunga hei whakautu i te pātai tūhura.

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

*-Mā te whakaingoa i ngā wāhanga o te pikitia
-E whai take ana te whakaari raraunga ki te momo raraunga.*

*Whakautu pātai;
-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura..*

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Rapanga Motuhake

Kei te whakaaro a Malia he mahi hē kātahi anake ia ka āhei ki te 30 meneti o te wā mata i muri i te kura ia rā. Ka whakatau ia ki te tūhura i te nui o te wā mata ka āhei ngā ākonga o tōna akomanga i muri i te kura ia rā. Koinei ngā hua i kitea e ia, i roto i ngā meneti.

0 15 35 20 10 25 40 35 30 0

10 15 30 45 0 20 25 30 20

Ka taea e koe te whakaraupapa i te raraunga ki tētahi kauwhata kākano me te rau, ki tētahi kauwhata ira rānei?

Hangaia he kōrero mō ngā raraunga i kitea e Malia.

Ki tō whakaaro, ka taea e ia te whakamahi i ngā raraunga hei whakakī i ōna mātua kia whai wā mata ake ia?

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Ngā tini mata o te Reo Pāngarau

*Tatauranga, raraunga,
tauirā, tūhura,
whakaraupapa,
whakaatu, kōmaka,
whakarōpū, whakaatu,
whakawhiti kōrero,
matapae, hua,
whakataurite, ōritetanga,
rerekētanga, kauwhata
kākano me te rau, rōpū,
tau tōraro, waenga,
waenga tau.*

Rapanga 5

Ko te āwhina i te kāinga tētahi ara e whakaatu ai i tō aroha ki tō whānau.

Pānuhia ngā pātai i tuhia e koe mō ō kāri raraunga, ā, matapaehia he aha pea ngā hua ka puta.

Whakaraupapatia ngā kāri raraunga ki ngā rōpū e hāngai ana.

Tuhia ō hua hei whakaatu ki te akomanga.

Whakaaturia ngā raraunga mā te whakamahi i te iti rawa e rua ngā momo kauwhata.

He aha ngā kōrero ka taea e koe te hanga e pā ana ki ngā raraunga?

Hei āwhina i te kaiako

Whakamahi i ngā Kāraka Raraunga i Hangaia e ngā Ākonga mai i te Tūmahi 3

Tirohia ngā ākonga e taea ana te kohikohi me te tuhi raraunga mā te whakamahi i ngā tohu tatau, i tētahi tēpu raraunga rānei.

Whāia kia whakaaturia te raraunga mā ngā momo whakaaturanga e rua.

Ka taea pea te whakamahi i: Ngā kāri raraunga hei hanga kauwhata (Momo 3).

-Tēpu raraunga me ngā tohu tatau, ngā tau rānei.

-Kauwhata pikitia mā ngā tohu.

-Kauwhata rarangi mā te pepa tīwae.

-Kauwhata kākano me te rau.

-Kauwhata ira.

Whakaritea he pepa tīwae, ngā kākano ira, me ngā pane mo te hanga i ngā kauwhata.

He aha ngā mea ka kitea e ngā ākonga i te wā e whakarite ana rātou i ā rātou kauwhata?

Whakaaro Matua o te Ao Pāngarau

Ka taea te tūhura i ngā whakaaro me ngā pātai e pā ana ki tētahi kaupapa mā te kohi raraunga me te whakamahi i taua raraunga hei whakautu i ngā pātai.

Ka rerekē te raraunga i ngā momo huarahi (hei tauira, ka rerekē te rahi me te tae o tētahi mea) ā, ka taea hoki te whakaraupapa i runga i ngā āhuatanga rerekē (ā-wāhanga, ā-tau).

Ka taea te whakaatu me te whakawhitiwhiti raraunga i roto i ngā momo huarahi maha, tae atu ki ngā whakaaturanga raraunga.

Ka taea te kite, te whakaahua, me te tātari i ngā tauira kei roto i ngā huinga raraunga mā te whakamahi i ngā whakaaturanga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga
-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā

taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kohi raraunga.

Hei āwhina i te kaiako

Ka tūtohu kia waihangatia e ngā ākonga ngā kauwhata ā-ringa i te tuatahi, kātahi ka whakamahi i ngā taputapu tuihono hei whakatairite me te āta wetewete i te raraunga.

<https://nces.ed.gov/nceskids/createagraph/Default.aspx> (this provides options to make bar graph, pie graph, line graph, and area graph) and <https://www.geogebra.org/m/BxqJ4Vag> (dot plot).

Ārahina ngā ākonga kia kite i ngā rōpū matua (clusters) me ngā raraunga motuhake (outliers) i roto i ngā raraunga, ā, kia whai hononga ki tā rātou pātai tūhuratanga.

Aroturukihia mēnā e whakamahi ana ngā ākonga i te reo pangarau, otirā, te whakaputa kōrero whakatairite e pā ana ki ngā raraunga.

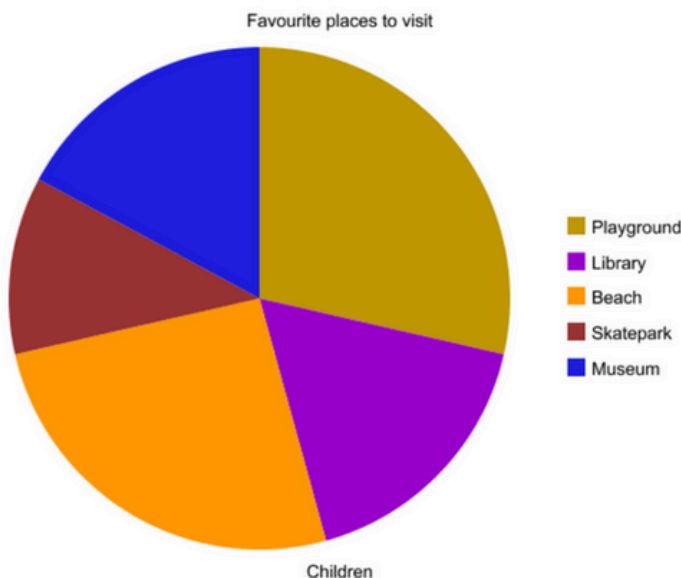
Mō te mahi motuhake, ka haere tonu ngā ākonga ki te mahi i tā rātou tūhuratanga tauanga, ā, ka taea hoki te waihanga kauwhata mā ngā taputapu tuihono.

Wā Toha

Ko te tuari kōrero mō tēnei mahi ka whakahaerehia i te akoranga e whai ake nei. Whakahuihuitia anō ngā ākonga kia tirohia ngā momo kauwhata rerekē i te wā o te hono.

Hono

Tirohia tēnei kauwhata. He aha ngā kōrero ka taea e koe te whakaputa mō tēnei?



Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairite o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura.

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

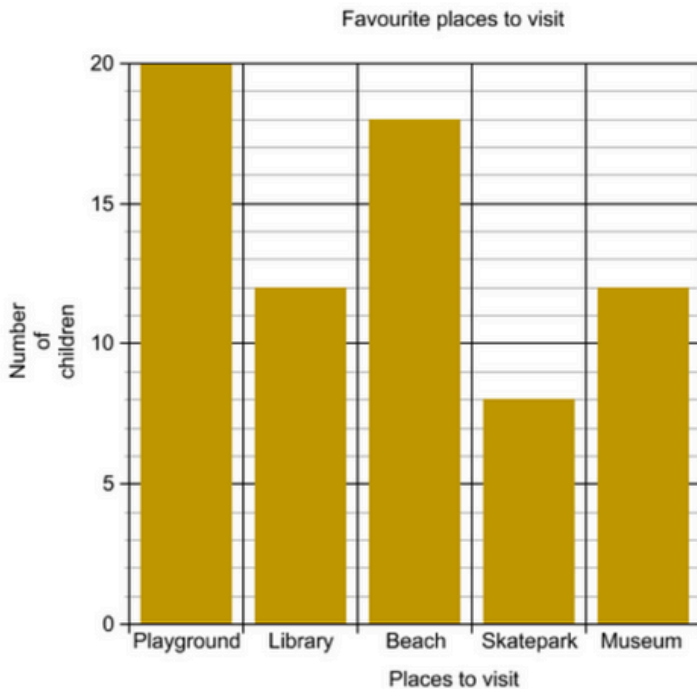
Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Hono

Tirohia tēnei kauwhata. He aha ngā kōrero ka taea e koe te whakaputa mō tēnei?



Me pēhea te tuku mōhiohia a ia momo kauwhata?

Whainganga ako Ka ako ngā mokopuna ki te:

Kohikohia, raupapahia, ka tataua i ngā raraunga.

Tātarihia, ka whakaaturia ngā raraunga e tika ana mā ngā momo whakaaturanga rerekē.

Kimihia te tapeke o ngā huinga mā te whakarōpū kia tāpiri ai.

Whakawhitiwhitihia ngā hua mā te whakamahi i tētahi whakaaturanga raraunga, me te arotahi ki ngā āhuatanga ōrite me ngā rerekētanga.

Ngā tini mata o te Reo Pāngarau

Tatauranga, raraunga, tauira, tūhura, whakaraupapa, whakaatu, whakarōpū, wehewehe, tohu, whakawhitiwhiti, matapae, putanga, whakarite, ōrite, rerekētanga, kauwhata kākano me te rau, kauwhata pae, kauwhata pou, kauwhata porowhita.

Rapanga Motuhake

Haere tonu ki te mahi i ō kauwhata me ngā whakaaturanga raraunga mai i tō tūhuratanga kāri raraunga.

Whakaatuhia ō raraunga mā te whakamahi i te iti rawa e rua ngā momo kauwhata.

Hangaia he kōrero e pā ana ki ngā raraunga. He aha ngā tauira e kitea ana? He aha ngā rerekētanga me ngā ōritetanga?

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Rapanga 6

Ko te āwhina i te kāinga tētahi huarahi e whakaatu ai koe i tō aroha ki tō whānau.

Mahi:

Whakaritea he whakaaturanga mō te akomanga e whakaatu ana i tō pātai tūhuratanga.

Whakauruhia ō kauwhata me ō whakaaturanga raraunga e whakahoki ana i tō pātai.

Tuhia he tauākī me tētahi whakatau e whakamārama ana i ngā mea i kitea e koe i roto i ngā raraunga.

Me pēhea te whakaatu a ō raraunga i ngā tauira, ngā rerekētanga, me ngā āhuatanga matua?

Hei āwhina i te kaiako

I te tīmatanga o te mahi, whakamārama ki ngā ākonga me arotahi rātou ki te whakarite i tētahi whakaaturanga mō ā rātou raraunga, me ngā whakapuakanga me tētahi whakatau hei kōrero i ngā mea i kitea e rātou.

Āta whakarongo ki ngā ākonga e whakamahi ana i te reo tatauranga, tae atu ki ngā kupu pērā i te rōpū matua (clusters), raraunga wehe kē (outliers), toharite (average), tino maha (most), tino iti (least).

Mō te mahi motuhake, whakaritea kia wātea ngā whakaaturanga raraunga i hangaia e ngā ākonga, me tā rātou pātai tūhuratanga.

Wā Toha

Tonoa ia rōpū ki te whakaatu i tā rātou whakaaturanga, tae atu ki tā rātou pātai, whakaaturanga raraunga, whakapuakanga, me ngā whakatau. Ārahina ngā ākonga ki te whakaae, ki te whakahē rānei i ngā whakapuakanga me ngā whakatau.

Whakaaro Matua o te Ao Pāngarau

Ka taea te tūhura i ngā whakaaro me ngā pātai e pā ana ki tētahi kaupapa mā te kohi raraunga me te whakamahi i taua raraunga hei whakautu i ngā pātai.

Ka rerekē te raraunga i ngā momo huarahi (hei tauira, ka rerekē te rahi me te tae o tētahi mea) ā, ka taea hoki te whakaraupapa i runga i ngā āhuatanga rerekē (ā-wāhanga, ā-tau).

Ka taea te whakaatu me te whakawhitiwhiti raraunga i roto i ngā momo huarahi maha, tae atu ki ngā whakaaturanga raraunga.

Ka taea te kite, te whakaahua, me te tātari i ngā tauira kei roto i ngā huinga raraunga mā te whakamahi i ngā whakaaturanga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga
-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kohi raraunga.

Hono

Tonoa ngā ākonga ki te whaiwhakaaro mō te whakamahi i ngā momo whakaaturanga raraunga rerekē, me te whakaaro ko ēhea kauwhata i tino whai hua hei whakaatu i ngā momo raraunga rerekē, ngā rōpū matua, ngā raraunga wehe kē, me ngā taurira whānui i roto i te raraunga.

Whainga ako Ka ako ngā mokopuna ki te:

Kohia, kōmaka, tatau raraunga hoki.

Tātari me te whakaatu raraunga tika mā te whakamahi i ngā whakaaturanga rerekē.

Ko ngā kitenga kōrero mā te tohutoro ki tētahi whakaaturanga raraunga me te whākaha i te ōritetanga me te rerekētanga.

Rapanga Motuhake

Titiro ki te pātai tūhuratanga me te whakaaturanga raraunga e hāngai ana ki tēnei.

Tuhia he kōrero mā te whakamahi i ngā rerenga “Kei te whakaaro au...” me “Ka kite au...” mai i ngā whakaaturanga raraunga.

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura.

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Mā te kaiako

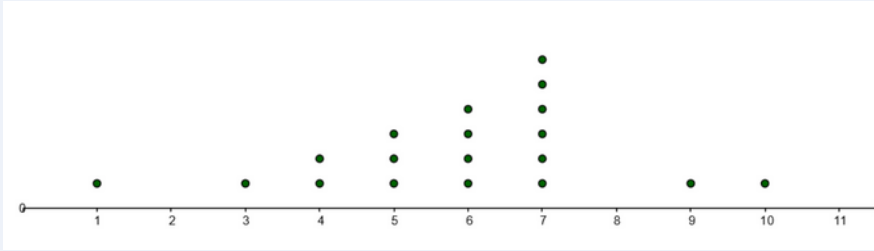
Ngā Rongoā me ngā paku hapa

Ngā tini mata o te Reo Pāngarau

*Tatauranga, raraunga,
tauira, tūhuratanga,
whakarite, whakaatu,
raupapa, whakarōpū, tohu,
whakaatu, whakawhiti
kōrero, matapae, hua,
whakataurite, ōrite,
rerekētanga, kauwhata
aka-hautu, kauwhata pou,
kauwhata tū, kauwhata
porowhita, tohu tatau.*

Rapanga 7

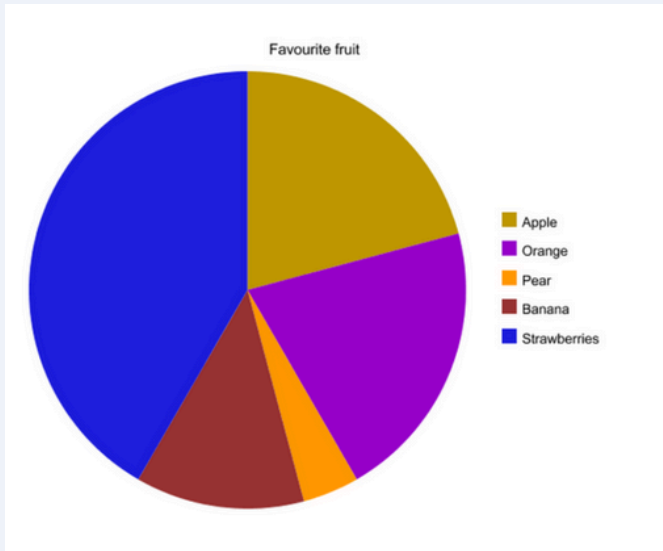
"Ngā hāora o te korikori tinana i roto i te wiki."



Pānuihia ngā kōrero ka kī atu mēnā e whakaae ana, kāore rānei.

1. Ko te nuinga o te iwi e mahi ana i te 9 hāora neke atu o te korikori tinana ia wiki.
2. E whā ngā tāngata i mahi i te 6 hāora o te korikori tinana ia wiki.
3. Ko te nuinga o te iwi e mahi ana i waenga i te 6 – 7 hāora o te korikori tinana ia wiki.
4. Ko tētahi tangata i mahi i te hāora kotahi anake o te korikori tinana i te wiki, ā, he tauira rerekē tērā (outlier).

Tuhia āu ake kōrero e pā ana ki ngā raraunga e whakaaturia ana i te tūtohi.



Pānuihia ngā kōrero ka kī atu mēnā e whakaae ana, kāore rānei.

1. Ehara ngā pea i te hua rākau e tino paingia ana.
2. He ōrite te tokomaha o ngā tāngata e pai ana ki ngā āporo me ngā rōpere.
3. He iti ake te hunga e pai ana ki ngā panana i ērā e pai ana ki ngā ārani.
4. Ko te nuinga o ngā tāngata e pai ana ki ngā rōpere.

Tuhia āu ake kōrero e pā ana ki ngā raraunga e whakaaturia ana i te tūtohi.

Whakaaro Matua o te Ao Pāngarau

Ka taea te tūhura i ngā whakaaro me ngā pātai e pā ana ki tētahi kaupapa mā te kohikohi raraunga me te whakamahi hei whakautu i ngā pātai.

Ka rerekē te ahua o ngā raraunga i ngā momo huarahi rerekē (hei tauira, ka rerekē te rahi me te tae o tētahi mea).

Ka taea te whakaraupapa i ngā raraunga i ngā momo huarahi rerekē, mā ngā āhuatanga rerekē hoki (pērā i te āhuatanga ā-kāwai, ā-tau hoki).

Ka taea te whakaatu me te whakawhitiwhiti kōrero mō ngā raraunga mā ngā momo whakaaturanga raraunga rerekē.

Ka kitea, ka whakamāramatia, ā, ka tātaritia ngā tauira i roto i ngā huinga raraunga me ngā whakaaturanga raraunga.

Ka taea te matapae mā te whakamahi i ngā huinga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga

-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Hei āwhina i te kaiako

Pātai atu ki ngā ākonga kia tauākī mō te kauwhata. Mēnā e hiahiatia ana, taurahia tētahi tauākī mō ngā ākonga, whakamahia rānei te pātai.

Tāhoputia ngā tauākī ākonga mō ngā wāhanga pepa, ā, ina 3-4 ngā tauākī, pātai atu ki ngā ākonga kia kōwhiri i tētahi kōrero me te kī mēnā kei te whakaae, ka whakahē rānei rātou ki tētahi take.

Kia mōhio ki ngā ākonga e whakarato take ana mo a rātau kōrero.

Wā Toha

Tīpakohia ngā ākonga hei tiritiri ko wai e āhei ana ki te whakarato i te tika me te whakaaturanga mō ngā kōrero e mahia ana e rātou.

Hono

Kua kohia e te karaehe he raraunga hai whakarite i tētahi disco kura. Kua kohia e ngā ākonga rerekē ngā raraunga rerekē, ā, e hiahiatia ana tō āwhina kia mōhio ai ko tēhea kauwhata e whakamahia ana e rātou hei whakaatu i ā rātou hua.

I kohia e Kata he raraunga mo te momo pūoro makau a tōna hoa ako.

I kohia e Ruai he raraunga mo te roa o te oma o te disco.

I kohia e Tasa he raraunga mo te wā e puritia ai te disco mō ngā rōpū pakeke rerekē puta noa i te kura.

Ka taea e koe te huatau he aha te momo kauwhata e whakamahia ana e rātou?

Whaingā ako Ka ako ngā mokopuna ki te:

Whakaae, whakakore rānei ki ngā kōrero e pā ana ki ngā raraunga e whakaaturia ana i tētahi tūtohi.

Hoatu ngā take me ngā taunakitanga mō ngā kōrero e pā ana ki ngā raraunga e whakaaturia ana i tētahi tūtohi.

Hanga kōrero e pā ana ki ngā raraunga e whakaaturia ana i tētahi tūtohi.

Ngā tini mata o te Marautanga

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e

rangahautia ana

-Whiriwhiri i ngā

taurangirangi e kohia ana

-Whai whakaaro mō ngā

ritenga matatika i te wā o te kohi raraunga.

Te Kohi Raraunga

Tautohu i ngā taurangi-rangi e taea ana te ine

Whakamahi i ngā rautaki

huhua ki te kohi raraunga

matarua, raraunga

matatini, raraunga

houanga hoki

Whakamahi i ngā rautaki

kohi raraunga huhua ki te

whakarāpopoto, ki te kohi

raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te

whakamārama whakaari

raraunga mō te

whakarāpototanga me te

whakatairitenga o ngā

tūhura;

-Mā te whakaingoa i ngā

wāhanga o te pikitia

-E whai take ana te

whakaari raraunga ki te

momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga

whakaahua e tika ana ki te

whakautu i te pātai, ka

huritao ai i ngā kitenga me

te whakatairite i ngā

whakapae, i ngā

tāpaetanga rānei nō te

timatanga o te tūhura..

Whakaahua rauranga mā

te whakamahi kauwhata

ira, kauwhata pou, tūtohi

auau, kauwhata houanga

Whakahono i ngā

whakataunga me ngā

ataata raraunga ki te

whakautu pātai tūhura

Tūhura pūāhua me te tuku

pātai ka taea te whakautu

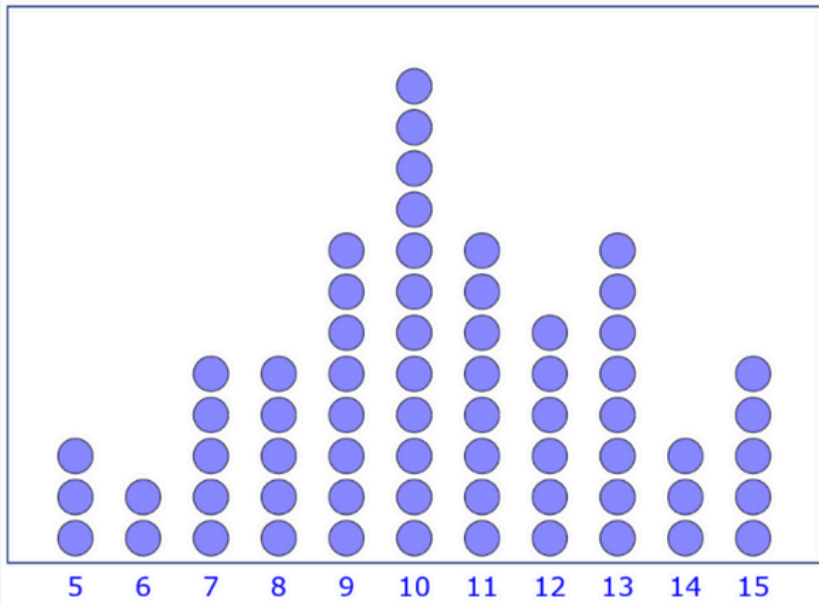
Whai māramatanga ki ngā

raraunga motumotu,

raraunga motukore hoki.

Rapanga Motuhake

He kauwhata tēnei mo ngā hua o te uiuinga mai i te kura.



He aha pea te tirohanga?

Hoatu he awhe āheinga.

Ka taea e koe te whakaatu i te raraunga mā tētahi huarahi kē?

Ngā tini mata o te Reo Pāngarau

Tatauranga, raraunga, taura, tūhura, whakarite, whakaaturanga, kōmaka, whakarārangi, tohu, whakawhitiwhiti, matapae, putanga, whakataurite, ritenga, rerekētanga, kauwhata pae, kauwhata tiwae, tūtohi porohita, kauwhata tā ira, kāhui, waho ake.

Mā te kaiako

Ngā Rongoā me ngā paku hapa

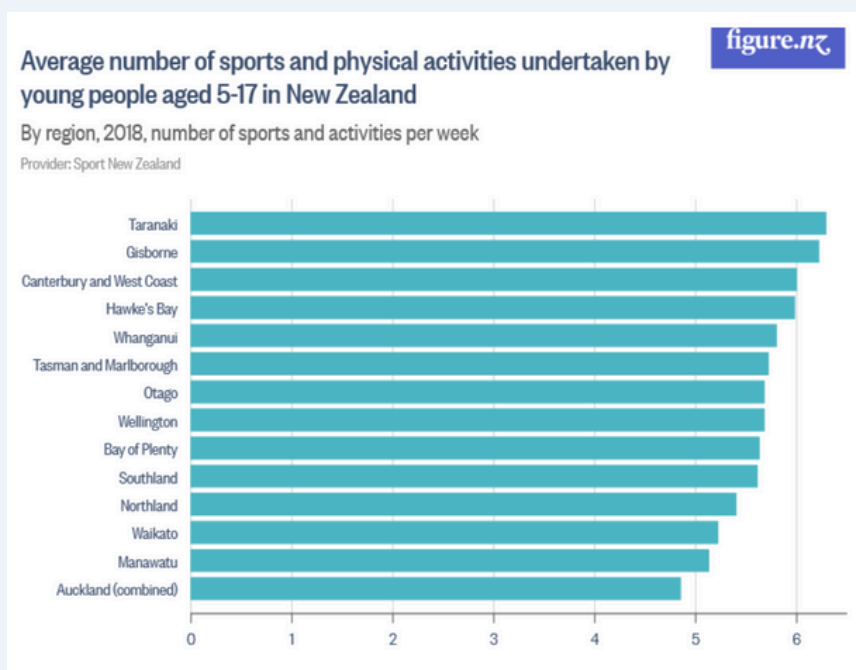
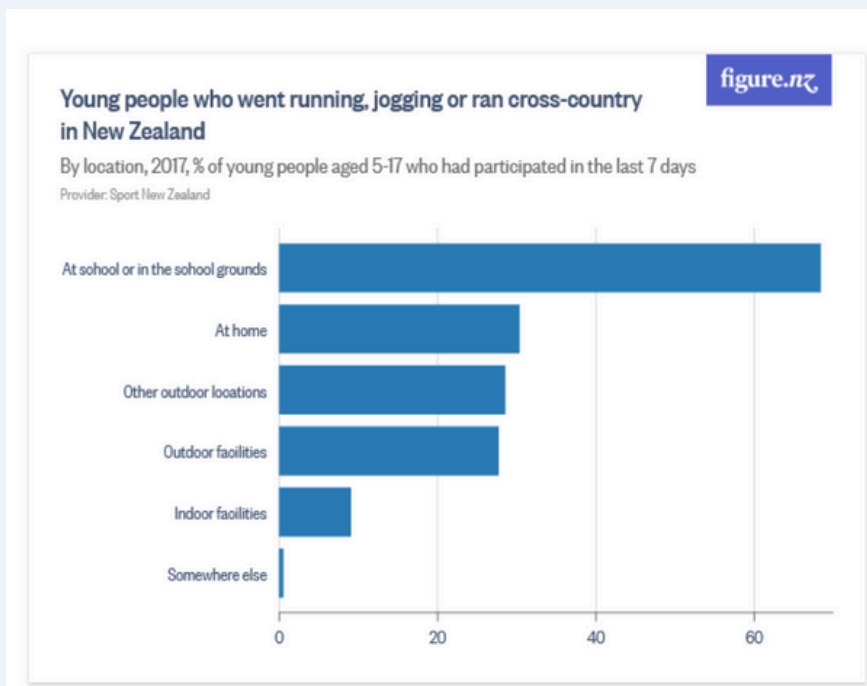
Rapanga 8

Ko ngā hākinakina, te mahi ōkiko me te tākaro, he huarahi katoa hai whakaatu i te aroha ki a tātau anō. Tirohia ngā kauwhata i raro nei, me te whakaaro mo ngā pūrākau e kōrerotia mai ana e rātau ki a mātau.

Tīmata mā te tuhi i ngā kōrero "E miharo ana ahau" mō ia kauwhata.

Kōrerotia ngā mea e kitea ana e koe i ia kauwhata me te tuhi i ngā tauākī "E pānui ana ahau".

He aha ngā pūrākau me ngā whakatauranga ka taea e koe te tuhi mō ngā raraunga e whakaaturia ana ki ngā kauwhata?



Whakaaro Matua o te Ao Pāngarau

Ka taea te uiui i ngā ariā me ngā pātai mō tētahi kaupapa tauwhāiti mā te kohikohi raraunga me te whakamahi hei whakautu i ngā pātai.

Ka taea e te raraunga te rerekē ki ngā huarahi rerekē (hei tauira, he rerekē ngā rahi me ngā kara) ā, ka taea te whakarite mā ngā huarahi rerekē me ngā āhuatanga rerekē (waiwai, ā-tau).

Ka taea te whakaatu me te whakamōhio i ngā raraunga mā ngā huarahi maha tae atu ki ngā kitenga raraunga.

Ka taea te kite i ngā tauira, te whakaahua, me te rārangi i ngā huinga raraunga me te whakamahi i ngā kitenga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga

-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kōhi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kōhi raraunga.

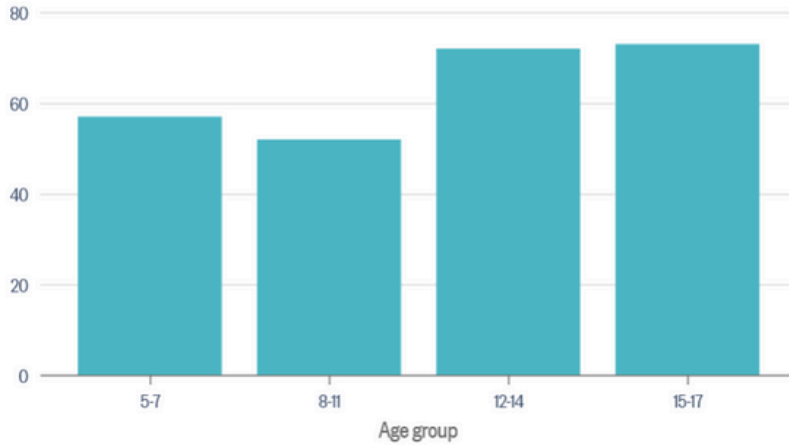
Rapanga 8

Young people in New Zealand who would like to do more physical activities for sport, PE, exercise or fun

figure.nz

By age group, 2018, % of young people

Provider: Sport New Zealand

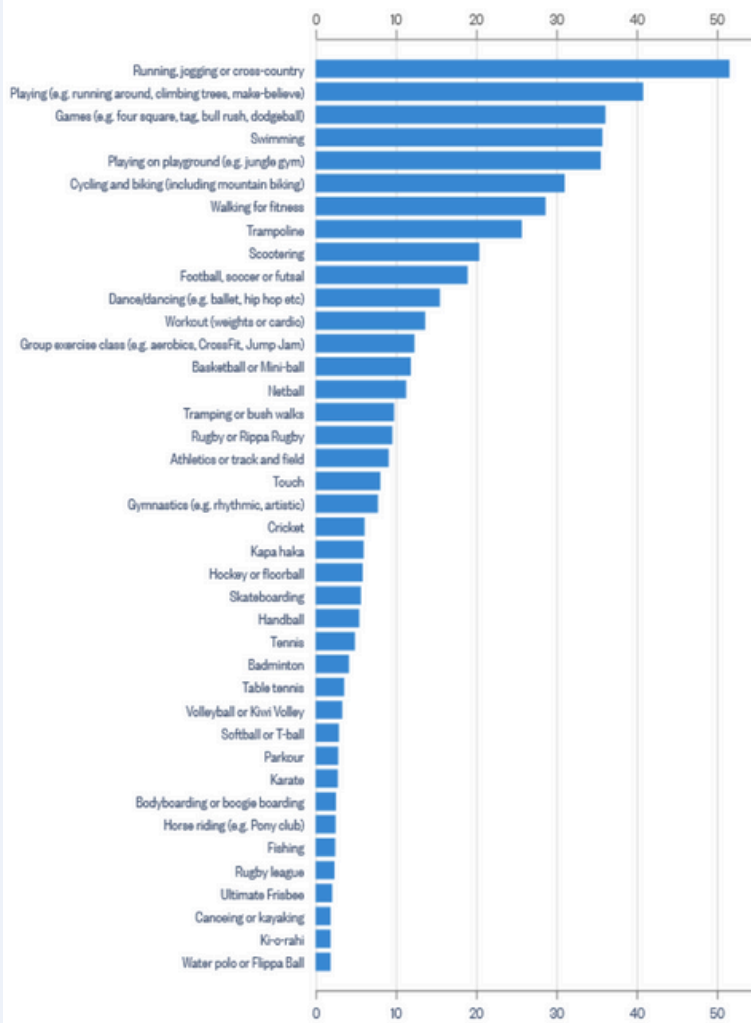


Participation in active recreation among young people in New Zealand

figure.nz

By selected top 40 sports and activities, 2017, % of young people aged 5-17

Provider: Sport New Zealand



Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mā te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura..

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Hei āwhina i te kaiako

Tuhia ngā pātai ki ngā ākonga kia hanga kōrero e pā ana ki ngā tūtohi. Mēnā e hiahiatia, tohutohu i tētahi kōrero mō ngā ākonga, ranei whakamahi i ngā pātai.

Awhina i ngā ākonga kia kite rātou ko ngā tūtohi rerekē e whakaatu ana i ngā huinga raraunga rerekē, ahakoa e pā ana katoa ki te kaupapa matua kotahi.

Tēnā pea, ka taea te whakaatu i ngā tūtohi e pā ana ki ngā raraunga i te wā kotahi, ranei kotahi i te wā, ā, ka taea e ngā ākonga te hanga kōrero mō ia tūtohi, ā, i te mutunga ka whakamahi i ēnei kōrero hei whakawhanake i ngā whakataunga e pā ana ki te kaupapa nui.

Aroturuki i ngā ākonga e whakamahi ana i te reo o te tauanga, pērā i te pūtahi, te nuinga, te iti rawa, ngā ōrite, ngā tauira rerekē.

Wā Toha

Tīpakohia ngā ākonga hei tiritiri ko wai e āhei ana ki te whakarato i te tika me ngā whakaaturanga mō ngā tauākī ka mahia e rātou, ā, ka taea te hanga pūrākau mai i ngā kauwhata.

Hono

Tuhia ngā tauākī "E pānui ana ahau" i hangaia e ngā ākonga i runga i te papa me te tono i te karaehe kia whakaae me te whakaatu ki ēnei mā te hoatu take.

Whainga ako Ka ako ngā mokopuna ki te:

Whakamahia ngā kauwhata hei whakaputa pātai mō tētahi kaupapa.

Whakamahia te raraunga i whakaaturia ki tētahi kauwhata hei tauākī me te whakautu pātai.

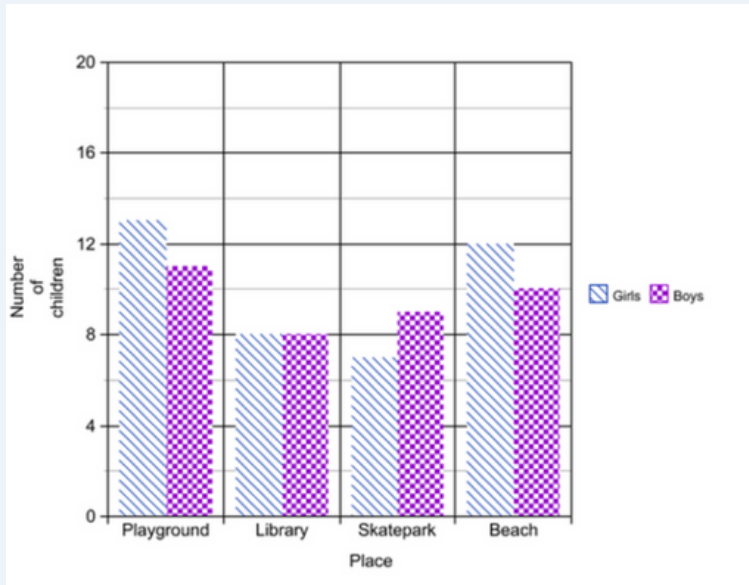
Ko ngā kitenga kōrero mā te tohutoro ki tētahi whakaaturanga raraunga me te whākaha i te ōritetanga me te rerekētanga.

Ngā tini mata o te Reo Pāngarau

Tatauranga, raraunga, tauira, tūhura, whakarite, whakaaturanga, kōmaka, whakarārangi, tohu, whakawhitiwhiti, matapae, putanga, whakataurite, ritenga, rerekētanga, kauwhata pae, kauwhata tīwae, tauira, ia, kāhui.

Rapanga Motuhake

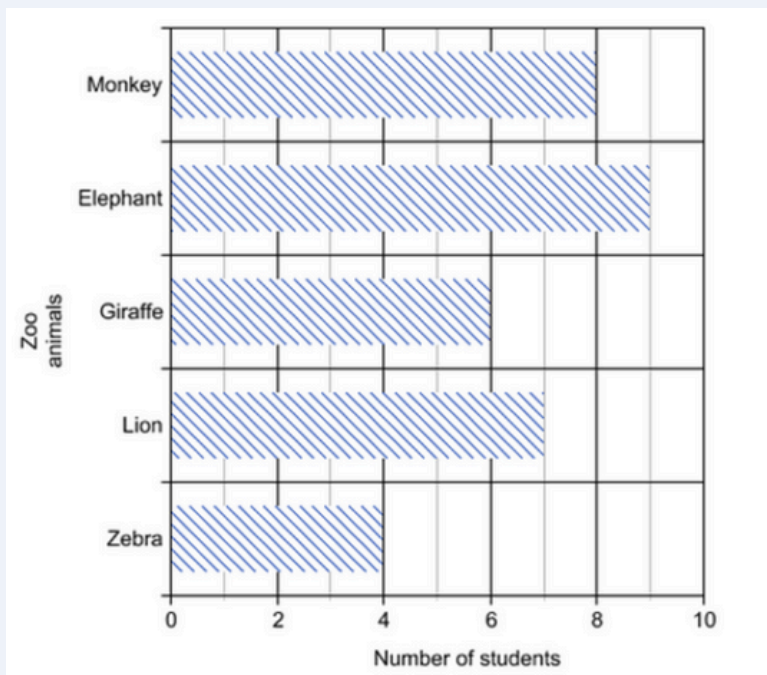
Ko ngā hua ēnei o tētahi uiuinga:



He aha pea te tirohanga?

Hangaia "E miharo ana ahau" me "E kite ana ahau i ngā kōrero mo ngā hua.

Ko ngā hua ēnei o tētahi uiuinga:



He aha pea te tirohanga?

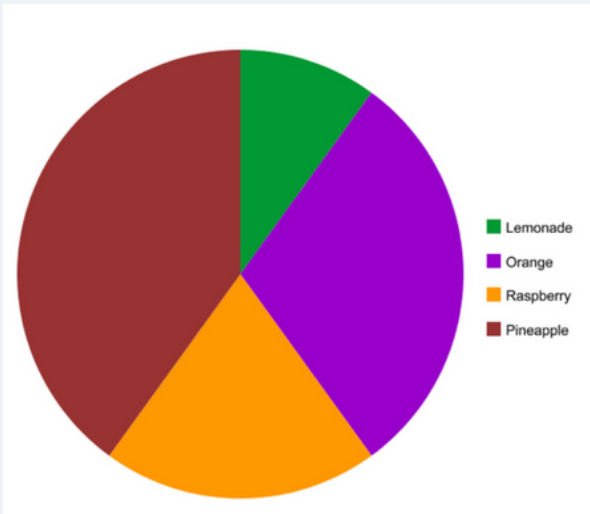
Hangaia "E miharo ana ahau" me "E kite ana ahau i ngā kōrero mo ngā hua.

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Rapanga 9

E whakaatu ana te kauwhata i te wāhanga o ngā ākonga i roto i tētahi karaehe e hiahia ana ki ngā tāwara ārai hukapapa rerekē.



E hia ngā ākonga kai roto i te karaehe? E hia ngā ākonga e hiahia ana ki ia tāwara?

Whakaaturia te raraunga mā tētahi whakaaturanga kē.

Hei āwhina i te kaiako

Whakangāwaritia ngā ākonga kia mōhio ai me ōrite te wāhanga o ngā ākonga ki te nuinga katoa o ngā ākonga i roto i te karaehe, ā, me pā ia wāhanga ki te rahi o te wāhanga.

Whakamōhio ngā ākonga e mōhio ana ka taea e koe te kōwhiri tau kātahi ka wehe i tēnei ōrite, ka taea rānei e koe te tohatoha tau ki ngā wāhanga kātahi ka tāpiri i ēnei hei kimi i te tapeke.

Wā Toha

Tīpakohia ngā ākonga hei tiritiri ko wai e tīmata ana ki te tau tapeke me te ritua i tēnei mā tētahi tikanga ōrite e tiaro ana ki te kauwhata porohita, e tohatoha ana rānei i tētahi tau ki ia wāhanga o te kauwhata porohita kātahi ka tataui i te tapeke mai i tēnei.

Mō te wāhanga tuarua o te tūmahi, tīpakohia ngā ākonga e hanga ana i ngā whakaaturanga raraunga mārāma.

Whakaaro Matua o te Ao Pāngarau

Ka taea e te raraunga te rerekē ki ngā huarahi rerekē (hei tauira, he rerekē ngā rahi me ngā kara) ā, ka taea te whakarite mā ngā huarahi rerekē me ngā āhuatanga rerekē (waiwai, ā-tau).

Ka taea te whakaatu me te whakamōhio i ngā raraunga mā ngā huarahi maha tae atu ki ngā kitenga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga

-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kohi raraunga hei taunaki i te pātai tūhura:

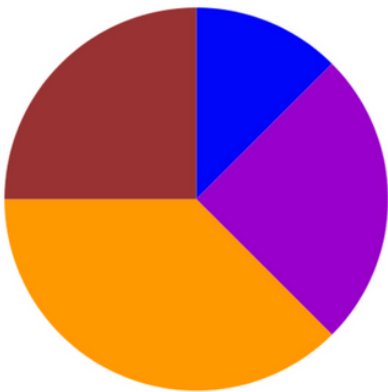
-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kohi raraunga.

Hono

He aha ka taea e tēnei whakaaturanga kauwhata porohita?



E hia ngā tāngata e noho ana i ia wāhi?

Whaingā ako Ka ako ngā mokopuna ki te:

Tātari me te whakaatu raraunga tika mā te whakamahi i ngā whakaaturanga rerekē.

Ritua i tētahi huinga, tau rānei mā te āhua ōrite, he kauwhata porohita

Rapanga Motuhake

He tūtohi i ngā hoko huinga Lego i te Warehouse e mōhiotia ana, ko te nuīnga o ngā huinga Lego i hokona i te wiki ko Lego City, ko Lego Friends me Lego Creator i hokona e te rahi kotahi, ā, ko te iti rawa te hoko ko Lego Disney.

He aha te āhua o te tūtohi?

E hia ngā huinga Lego i hokona i te wiki mō ia momo?

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pikitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura..

Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Ngā tini mata o te Reo Pāngarau

*Tatauranga, raraunga,
tauirā, tūhura, whakarite,
whakaatu, kōmaka,
whakarārangī, tohu,
whakawhitiwhiti,
matapae, putanga,
whakataurite, ritenga,
rerekētanga, tūtohi
porohita.*

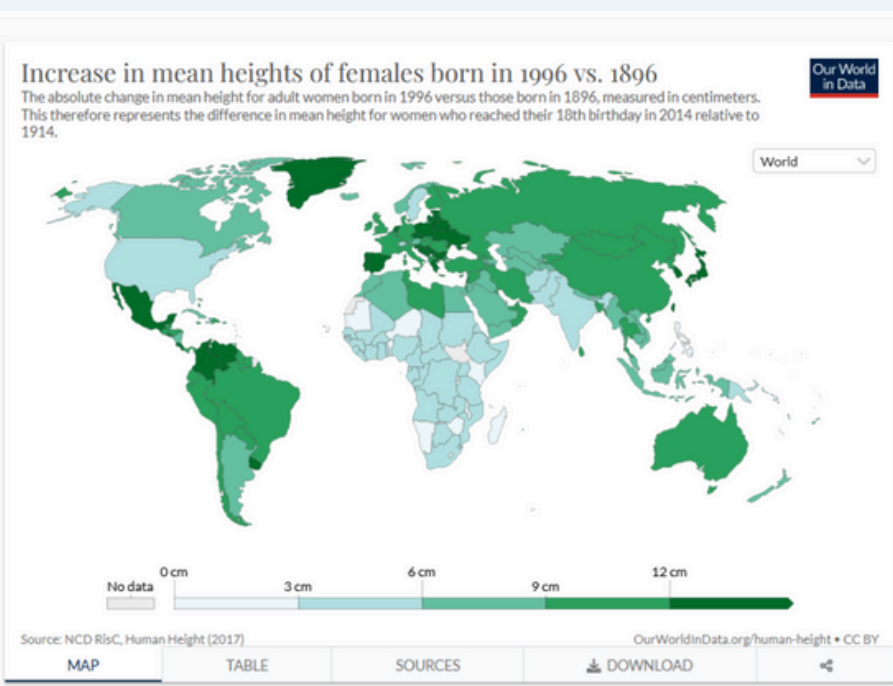
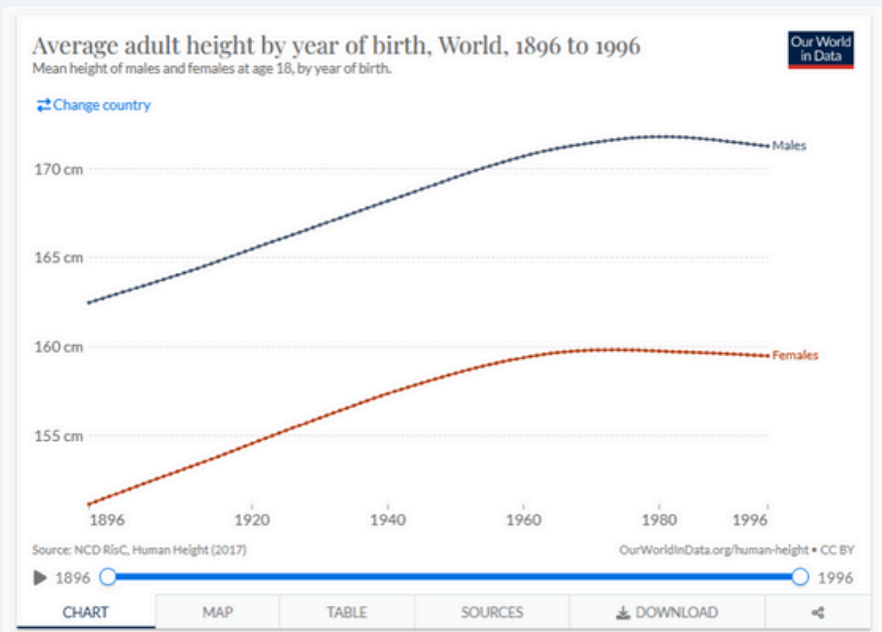
Rapanga 10

Ko ēnei kauwhata he mōhiohia mo te tiketike o te tangata i roto i te roanga o te wā. Tirohia ngā kauwhata i raro nei, me te whakaaro mo ngā pūrākau e kōrerotia mai ana e rātau ki a mātau.

Tīmata mā te tuhi i ngā kōrero "E miharo ana ahau" mō ia kauwhata.

Kōrerotia ngā mea e kitea ana e koe i ia kauwhata me te tuhi i ngā tauākī "E pānui ana ahau".

He aha ngā pūrākau me ngā whakatauranga ka taea e koe te tuhi mō ngā raraunga e whakaaturia ana ki ngā kauwhata?



Whakaaro Matua o te Ao Pāngarau

Ka taea te uiui i ngā ariā me ngā pātai mō tētahi kaupapa tauwhāiti mā te kohikohi raraunga me te whakamahi hei whakautu i ngā pātai.

Ka taea e te raraunga te rerekē ki ngā huarahi rerekē (hei tauira, he rerekē ngā rahi me ngā kara) ā, ka taea te whakarite mā ngā huarahi rerekē me ngā āhuatanga rerekē (waiwai, ā-tau).

Ka taea te whakaatu me te whakamōhio i ngā raraunga mā ngā huarahi maha tae atu ki ngā kitenga raraunga.

Ka taea te kite i ngā tauira, te whakaahua, me te rārangi i ngā huinga raraunga me te whakamahi i ngā kitenga raraunga.

Ngā tini mata o te Marautanga

Te Whakarite Rapanga Tau 4

Tūhura pūāhua whakarāpopoto me ngā pūāhua whakatairite ki ngā raraunga whakarōpū me ngā raraunga motu-motu mā te whakamahi i ngā raraunga matatini (kia rua nui ake rānei ngā taurangirangi):

-Tautohu i ngā taurangirangi e inehia ana

-Whakarite pātai whakarāpopoto, pātai whakatairite hoki kia whakautua e te raraunga
-Whakaputa whakapaenga, tāpaetanga rānei mō ngā putanga kawatau.

Whakamahere

Whakamahere ki te kōhi raraunga hei taunaki i te pātai tūhura:

-Whiriwhiri i te rōpū e rangahautia ana

-Whiriwhiri i ngā taurangirangi e kohia ana

-Whai whakaaro mō ngā ritenga matatika i te wā o te kōhi raraunga.

Ngā tini mata o te Marautanga

Te Kohi Raraunga

Tautohu i ngā taurangirangi e taea ana te ine

Whakamahi i ngā rautaki huhua ki te kohi raraunga matarua, raraunga matatini, raraunga houanga hoki

Whakamahi i ngā rautaki kohi raraunga huhua ki te whakarāpopoto, ki te kohi raraunga whakarōpū hoki.

Te Tātari me te Whakatau

Waihanga me te whakamārama whakaari raraunga mō te whakarāpototanga me te whakatairitenga o ngā tūhura;

-Mā te whakaingoa i ngā wāhanga o te pīkitia

-E whai take ana te whakaari raraunga ki te momo raraunga.

Whakautu pātai;

-Whiriwhirihia ngā rerenga whakaahua e tika ana ki te whakautu i te pātai, ka huritao ai i ngā kitenga me te whakatairite i ngā whakapae, i ngā tāpaetanga rānei nō te timatanga o te tūhura..

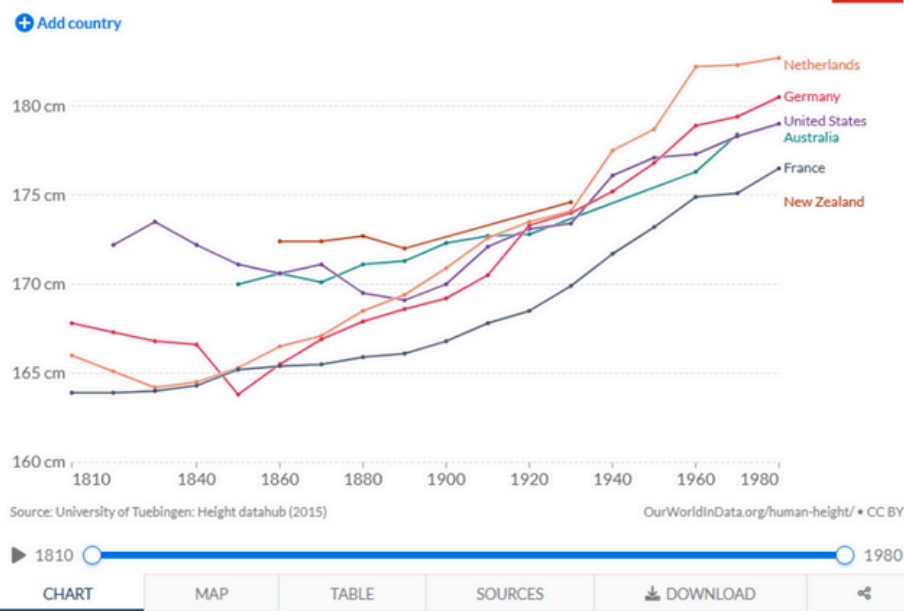
Whakaahua rauranga mā te whakamahi kauwhata ira, kauwhata pou, tūtohi auau, kauwhata houanga

Whakahono i ngā whakataunga me ngā ataata raraunga ki te whakautu pātai tūhura

Tūhura pūāhua me te tuku pātai ka taea te whakautu

Whai māramatanga ki ngā raraunga motumotu, raraunga motukore hoki.

Average height of men by year of birth, 1810 to 1980



Hei āwhina i te kaiako

Pātaihia ngā ākonga kia hanga kōrero e pā ana ki ngā tūtohi. Mēnā e hiahiatia, tohutohu i tētahi kōrero mō ngā ākonga, rānei whakamahia pātai.

Awhina ngā ākonga kia kite rātou ko ngā tūtohi rerekē e whakaatu ana i ngā huinga raraunga rerekē, ahakoa e pā ana katoa ki te kaupapa nui kotahi.

Tēnā pea, ka taea te whakaatu i ngā tūtohi e pā ana ki ngā raraunga i te wā kotahi, rānei kotahi i te wā, ā, ka taea e ngā ākonga te hanga kōrero mō ia tūtohi, ā, i te mutunga ka whakamahi i ēnei kōrero hei whakawhanake i ngā whakataunga e pā ana ki te kaupapa nui.

Aroturuki i ngā ākonga e whakamahi ana i te reo o te tauanga, pērā i te pūtahi, te nuinga, te iti rawa, ngā ōrite, ngā tauira rerekē.

Wā Toha

Tīpakohia ngā ākonga hei tiritiri ko wai e āhei ana ki te whakarato i te tika me ngā whakaaturanga mō ngā tauākī ka mahia e rātou, ā, ka taea te hanga pūrākau mai i ngā kauwhata.

Hono

Tuhia ngā tauākī "E pānui ana ahau" i hangaia e ngā ākonga i runga i te papa me te tono i te karaehe kia whakaae me te whakaatu ki ēnei mā te hoatu take.

Whaingā ako Ka ako ngā mokopuna ki te:

Whakamahia ngā kauwhata hei whakaputa pātai mō tētahi kaupapa.

Whakamahia te raraunga i whakaaturia ki tētahi kauwhata hei tauākī me te whakautu pātai.

Ko ngā kitenga kōrero mā te tohutoro ki tētahi whakaaturanga raraunga me te whākaha i te ōritetanga me te rerekētanga.

Rapanga Motuhake

Tīpakohia ngā tūmahi aromatawai e whai ake nei (kua āpitihia i te mutunga o te tuhinga) hei hohenga takitahi:

Aromatawai 1: He tokomaha ngā tāngata e noho ana i roto i ngā whare.

Aromatawai 2: Haere ana i te pahi kura.

Aromatawai 3: Ko ngā hākinakina makau me te wā e mahi tākaro ana.

Aromatawai 4: Ko te ngohe wīra makau.

Aromatawai 5: Ko ngā hokohoko inu i te miraka kau i roto i te wiki.

Aromatawai 6: Ko ngā pukapuka i hokona i te ataahua o te pukapuka.

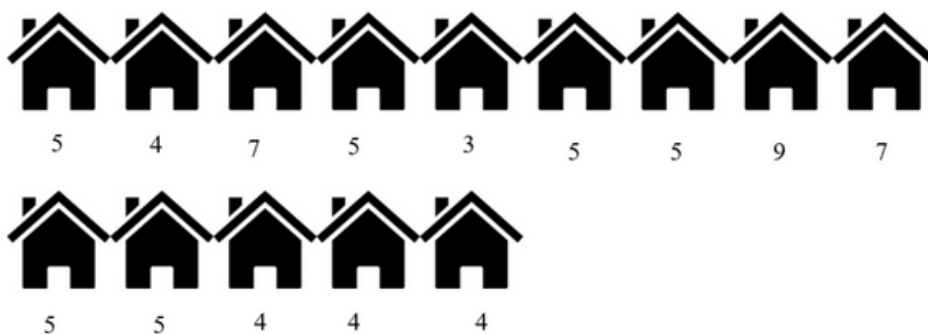
Ngā tini mata o te Reo Pāngarau

Tatauranga, raraunga, tauira, tūhura, whakarite, whakaaturanga, kōmaka, whakarārangi, tohu, whakawhitiwhiti, matapae, putanga, whakataurite, ritenga, rerekētanga, kauwhata pae, kauwhata raina, tauira, ia, kāhui.

Mā te kaiako

Ngā Rongoā me ngā paku hapa

Aromatawai 1: He tokomaha ngā tāngata e noho ana i roto i ngā whare



Kai te hanga whare hou te kamupene i tētahi takiwā. E whakaaturia ana te tokomaha o ngā tāngata e noho ana i ia whare i te rohe paetata. He aha ngā pātai ka taea e koe te pātai mō tēnei raraunga?

Ka taea e koe te whakaatu i te raraunga mā te ripanga, tētahi kauwhata rānei? He aha ngā kōrero ka taea e koe mo te tokomaha o ngā tāngata e noho ana i roto i ngā whare i taua rohe?

He aha tāu e tohutohu ai i te kamupene e pā ana ki te maha o ngā rūma moe e purua ana e rātau ki roto i ngā whare?

Aromatawai 2: Haere ana i te pahi kura

E hiahia ana te kaunihera paetata ki te mōhio e hia ngā tauira e whakamahi ana i te pahi kura e haere ana kia tae ki te kura i ia rā. Kei raro nei te tau o ngā ākonga i whakamahi i te pahi kura haere i roto i te wā e toru wiki.

Rahina	Rātū	Raapa	Rapare	Ramere
5	4	8	8	4

Rahina	Ratu	Raapa	Rapare	Ramere
5	7	8	7	4

Rahina	Ratu	Raapa	Rapare	Ramere
5	4	8	8	9

He aha ngā pātai ka taea e koe te pātai mō tēnei raraunga?

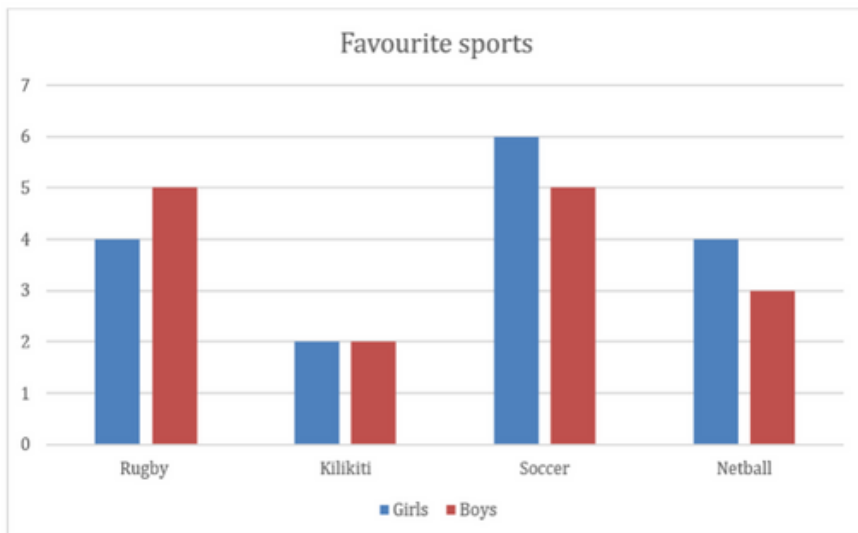
Ka taea e koe te whakaatu i te raraunga mā te ripanga, tētahi kauwhata rānei?

He aha ngā kōrero ka taea e koe mo te tokomaha o ngā tāngata e noho ana i roto i ngā whare i taua rohe?

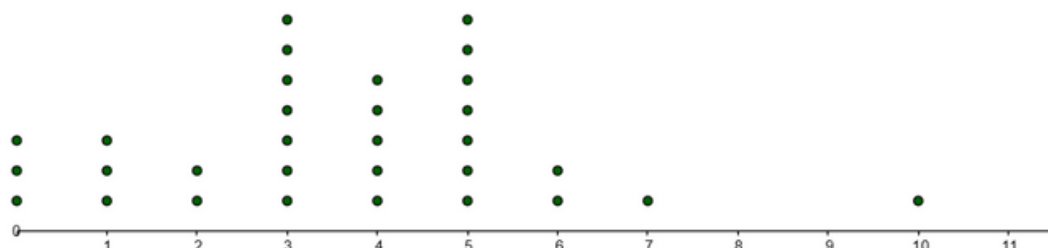
He aha tāu e tohutohu ai i te kamupene e pā ana ki te maha o ngā rūma moe e purua ana e rātau ki roto i ngā whare?

Aromatawai 3: Ko ngā hākinakina makau me te wā e mahi tākaro ana

E whakaatu ana ēnei kauwhata i ngā tamariki me ngā kōtiro makau, a, ko te wā i pau ai te mahi tākaro i ia wiki.



Hāora e tākaro ana i te tākaro i ia wiki.



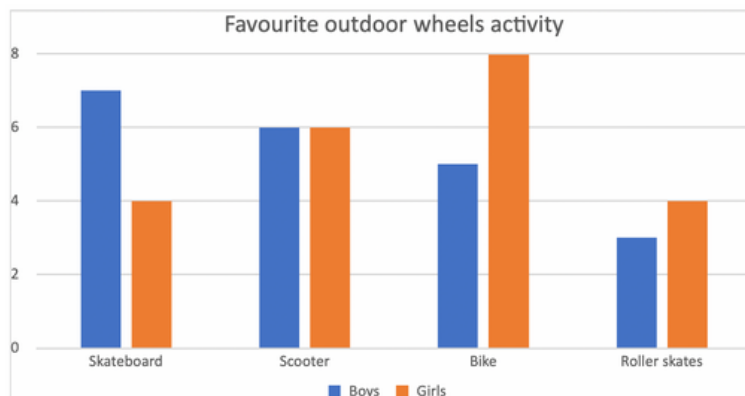
He aha ngā pātai ka taea e koe te pātai mō ngā kauwhata?

Hangaia ngā tauākī mō ngā raraunga mā te whakamahi i te "Pānui"

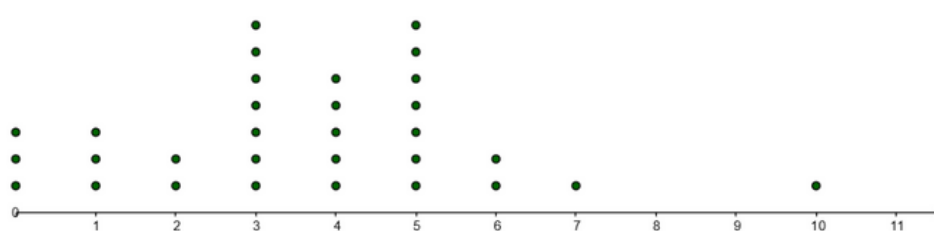
Hangaia ngā tauākī mō ngā raraunga i roto i ngā kauwhata.

Aromatawai 4: Ko te ngohe wira makau

E whakaatu ana ēnei kauwhata i ngā tamariki me ngā kōtiro e makau ana i ngā mahi o waho, ā, ko te wā i pau ai te whakamahi i a rātau i ia wiki.



I ia wiki i pau ai ngā haora i runga i ngā taonga o waho.



He aha ngā pātai ka taea e koe te pātai mō ngā kauwhata?

Hangaia ngā tauākī mō ngā raraunga mā te whakamahi i te "Pānuī"

Hangaia ngā tauākī mō ngā raraunga i roto i ngā kauwhata.

Aromatawai 5: Ko ngā hokohoko inu i te miraka kau i roto i te wiki

[Teacher note: Students can use calculators to examine the data]

Te whakaatu ana te tūtohi i ngā momo inu rerekē i hokona i te toa i te wiki.

	Rāhina	Rātū	Rāapa	Rāpare	Rāmere	KATOA
Coke	4	7	4	9	3	27
Sprite	2	2	5	5	4	18
V Drink	10	13	10	15	9	57
Water	2	4	5	4	1	16
Primo	5	3	7	8	4	27
Juice	5	0	0	0	0	5
KATOA	28	29	31	41	21	150

Hangaia ngā tauākī mō te raraunga mā te "Ka kite ahau".

He aha ngā whakaaro ka whakaritea e koe ki te rangatira o te toa mo ēhea inu hei whakaraupapa?

Aromatawai 6: Ko ngā pukapuka i hokona i te ataahua o te pukapuka

[Teacher note: Students can use calculators to examine the data]

E whakaatu ana tēnei tūtohi i ngā hokonga pukapuka i te hoko Pukapuka kura puta noa i te wiki.

	Rāhina	Rātū	Rāapa	Rāpare	Rāmere	TAPEKE
Captain Underpants	4	8	4	9	4	29
Dog Man	3	3	5	5	4	20
Diary of a Wimpy Kid	9	11	10	14	9	53
Cat Kid Comic Club	2	4	5	4	1	16
Ella Diaries	6	3	7	8	4	28
The Babysitters Club	5	2	0	0	2	9
TAPEKE	29	31	31	40	24	155

Hangaia ngā tauākī mō te raraunga mā te "Ka kite ahau".

He aha ngā whakaaro ka whakaritea e koe ki te kaitiaki o te kura mo ēhea pukapuka hei raupapa mo te puna kura i runga anō i ngā hokohoko i te māketete pukapuka?