

➤ Notes for parents. Activity next page.

The purpose of this task is:

- focus on the data gathering aspect of statistics, as your child designs a simple survey to try out on members of your family (instead of the people in their class as it says on the second page)

They are asked to look for an issue or problem at home that the results of their survey would help to solve.

Perhaps they might investigate:

- jobs that people (could) help with around the house
- preferred foods
- time spent each day using a device (iPad, cellphone, laptop, etc...)
- the cost of family travel each week

Their findings might lead to their making some useful suggestions at home.

He tauira kōrero Māori:

He aha tētahi kaupapa hei rangahau māu i tō tātou whānau, hei tuku pātai ki a mātou? Kei te hia mōhio koe ki te aha? Mō te aha te take?	What is something you want to research in our family, for you to question us about? What do you want to know about? For what reason?
Ko ngā mahi kāinga a tēnā me tēnā o te whānau.	The home chores that each one does.
Ko ngā tino kai a tēnā, a tēnā.	The preferred/favourite foods of each.
Ko te roa o te wā whakamahi i tētahi pūrere tāhiko whai mata i ia rā.	The amount of time each day spent using an electronic device with a screen.
Ko te moni ka whakapaungia e tēnā e tēnā i ia wiki ki te utu i ā rātou haere.	The money spent by each person on travel each week.
He aha tētahi pātai tuwhera e hāngai ana ki tō kaupapa? He aha tētahi pātai kati?	What is an open question pertaining to you topic? What is a closed question?



Me Waiho kia Tuwhera, me Kati Rānei?

Ka hiahiatia ★ he hoa

Hei Mahi 1

Arā ētahi pātai rangahau ka kīia he pātai “kati”, i te mea ka herea te maha o ngā whakautu ka taea. Arā anō ētahi ka kīia he “tuwhera”, i te mea he huhua noa ngā whakautu ka taea. Anei he taurira o tēnā, o tēnā:

He pātai kati

He aha tō tino tae? (Kōwhiria kia kotahi.)

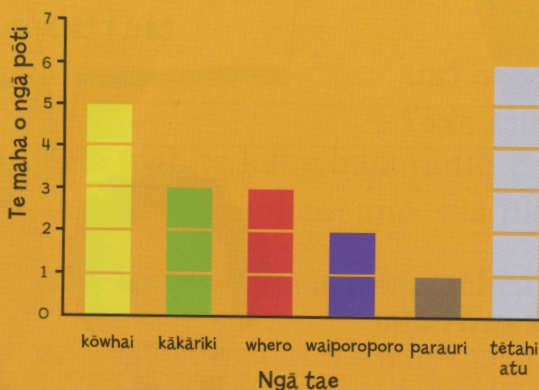
★ kōwhai ★ kākāriki ★ whero ★ waiporoporo ★ parauri ★ tētahi atu

He pātai tuwhera

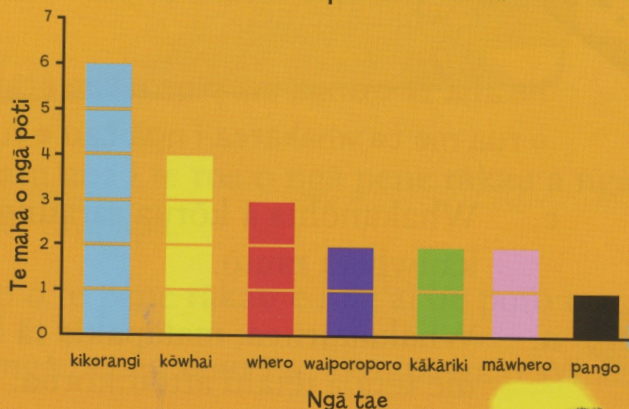
He aha tō tino tae?

1. Mēnā e tūhura ana koe i ngā tino tae a tētahi rōpū, he aha t/ētahi take e hiahia ai koe ki te here i ngā whakautu?
2. Ka whiua e Mani te pātai kati ki ētahi tāngata e 20, ka whiua anō e ia te pātai tuwhera ki ētahi atu tāngata e 20. Anei ana raraunga:

Te Tino Tae (pātai kati)



Te Tino Tae (pātai tuwhera)



- a. He pēhea te pānga o te āhua o te pātai ki te āhua o ngā whakautu i kohia e Mani?
- e. Ko tēhea te pātai pai ake ki tāu titiro? He aha ai?

Hei Mahi 2

1. Anei ētahi pātai rangahau e toru. Māu e whiriwhiri mēnā he pātai kati, he pātai tuwhera rānei. He ara pai ake hei pātai i ia pātai? Ka pēhea tāu whakatakoto i te pātai? He aha i pērā ai tō whakaaro?

a. He pēhea nei te auau o tō kai hua rākau?

e. Ko wai o tō whānau kei te hoko i ngā hua rākau?

māmā/
pāpā

kaitiaki

whaea
kēkē

matua
kēkē

kuia/
koroua

au

tuakana

tungāne

tuahine

tētahi atu

h. He kaha ake tō kai hua rākau i tēhea kaupeka o te tau?

raumati

ngahuru

takurua

kōanga

ngā kaupeka katoa

2. Me whakawhiti whakaaro ki tētahi hoa mō ēnei pātai e whai ake nei:

Ko wai mā ka hiahia ki ngā momo raraunga ka hua ake i ēnei pātai? He aha te take ka whaihua ki a rātou ēnei raraunga?

He Mahi Tūhura

Ka mahi tahi ki tētahi hoa i te akomanga ki te kōwhiri i tētahi mea e hiahia ana kōrua ki te rangahau. Whakatakotoria he pātai tuwhera me tētahi pātai kati mō tā kōrua tūhuratanga.

Uiuia te katoa o te akomanga, me te whakamahi i ngā pātai e rua. Ko tēhea te pātai i whaihua ake ngā kōrero i puta ake?

Tāia ngā raraunga o te pātai pai ake ki te kauwhata, ka whakawhiti kōrero mō tāna e tohu ana.



Arotahinga

Te whakatakoto pātai rangahau kia tino whaihua ai ngā whakautu