

## Paerewa Paetae

Aronga	Pāngarau 1.1				
Ingoa	Te whakamahi whakaaro tau whaitake hei whakaoti rapanga				
Kaupae	1	Whiwhinga	4	Aromatawai	Ā-roto
Marau akoranga	Te Marautanga o Aotearoa				
Kokonga akoranga	Pāngarau				
Mana rēhita	Te rā i mana ai				
Te rā e arotakengia ai	Te rā i puta ai				

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### Te Hononga ki te Marautanga

I ahu mai tēnei paerewa paetae i te Taumata 6 o *Te Marautanga o Aotearoa*, i whakaputaina e Te Pou Taki Kōrero i te tau 2008.

### Whāinga Paetae

Te Tau me te Taurangi:

- 1 *Ka whakamahi pānga rārangi, pānga rārangi hāngai, pānga rārangi kōaro hoki.*
- 2 *Ka whakawhānui taupū, kia hāngai ki ngā tau tōpū me ngā hautau.*
- 3 *Ka whakamahi pāpātanga whakaputu o ia rā.*
- 4 *Ka whakamahi rautaki tau ki te whiriwhiri otinga tino whaihua.*
- 5 *Ka mārama ki te whaitakenga o te otinga o tētahi rapanga.*

E hono ana ki te Papa Whakaako Pāngarau kei te pae ipurangi nei: [website details to be inserted].

### Te Hononga ki *The New Zealand Curriculum* (NZC)

I ahu mai hoki tēnei paerewa paetae i *The New Zealand Curriculum*. Mō ngā kōrero e pā ana ki ngā whāinga paetae o te NZC e hāngai ana ki tēnei paerewa, tirohia te putanga reo Pākehā o te paerewa.

### Te Hononga ki ngā Tikanga Aromatawai

Kei tēnei pae ipurangi ngā Tikanga Aromatawai mō tēnei paerewa paetae: [website details to be inserted].

## Paerewa Paetae

<p><b>Paetae</b> Te whakamahi whakaaro tau whitake hei whakaoti rapanga</p>	<p>Hei tohu i te paetae, hei āwhina i ngā whakataunga aromatawai:</p> <ul style="list-style-type: none"> <li>• ka whiriwhiria, ka whakamahia ētahi tikanga tau whānui e hāngai ana hei whakaoti rapanga.</li> <li>• ka whakaatu mōhiotanga ki ngā huatau me ngā kupu pāngarau e hāngai ana.</li> <li>• ka whakamāramahia ngā otinga mēnā kotahi e rua rānei ngā mahi o roto i te tikanga i whakamahia ai.</li> </ul>
<p><b>Kaiaka</b> He kaiaka te whakamahi whakaaro tau whitake hei whakaoti rapanga</p>	<p>Ko te whakaaro tūhonohono te mea nui hei tohu i te kaiaka. Arā, kia kotahi, nui ake rānei o ēnei:</p> <ul style="list-style-type: none"> <li>• ka whiriwhiri, ka whakatutuki raupapatanga mahi arorau hei whakaoti rapanga.</li> <li>• ka tūhonoa ētahi huatau rerekē, ētahi whakaahuahanga rerekē rānei.</li> <li>• ka whakaatu māramatanga ki ngā huatau e hāngai ana.</li> <li>• ka hanga, ka whakamahi tauira.</li> </ul> <p><b>me</b> te tūhono i ngā otinga ki te horopaki o te rapanga, te whakamahi rānei i ngā kīanga pāngarau e hāngai ana hei whakawhitiwhiti whakaaro.</p>
<p><b>Kairangi</b> He kairangi te whakamahi whakaaro tau whitake hei whakaoti rapanga</p>	<p>Ko te whakaaro waitara te mea nui hei tohu i te kairangi. Arā, kia kotahi, nui ake rānei o ēnei:</p> <ul style="list-style-type: none"> <li>• ka waihanga rautaki hei tūhura, hei whakaoti rānei i tētahi rapanga.</li> <li>• ka tautohua ngā huatau e hāngai ana ki te horopaki.</li> <li>• ka whakaputaina tētahi raupapatanga whakaaro arorau, tētahi hāponotanga rānei.</li> <li>• ka hanga whakawhānuitanga.</li> </ul> <p><b>me</b> te whakamahi kīanga pāngarau tika, te whakawhitiwhiti rānei i te aroā pāngarau.</p>

## Kōrero Āpiti

1 E whai ake nei ko te whakamāramatanga o ngā kupu whai take, kīanga rānei:

Rapanga	Ko ngā āhuatanga o ia rā, ngā āhuatanga pāngarau rānei, ka whai wāhi mai te whakamahinga o te mātauranga pāngarau, o ngā huatau pāngarau, o ngā tikanga pāngarau rānei.
ētahi tikanga tau whānui	Kia toru, nui ake rānei ngā tikanga.

2 Kia taunga te ākonga ki ngā tikanga e whai wāhi mai ana:

- te ōwehenga me te hautanga;
- te tauwehe, te taurea, te taupū me te pūtaka;
- te taupū tōraro me te taupū hautanga o tētahi tau;
- te hautau, te tau ā-ira me te ōrau;

- te pāpātanga;
- te whakaawhiwhinga, me te tohu anō i te maha o ngā mati ā-ira, te maha rānei o ngā mati whai tikanga;
- te tānga ngahuru.

Kuputaka:

whakaaro tau whaitake	numeric reasoning
whakaaro tūhonohono	relational thinking
whakaaro waitara	abstract thinking

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### He Kōrero mō te Whakakapi

Koinei hei whakakapi i te paerewa xxxx

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### Tātari Kounga

- 1 Me mātua whakamana ngā Kaituku Akoranga me ngā Whakahaere Whakangungu Ahumahi e te Mana Tohu Mātauranga o Aotearoa ka rēhita ai i ngā hua ka puta mai i ngā aromatawai ki ngā paerewa paetae.
- 2 Ko ngā Kaituku Akoranga me ngā Whakahaere Whakangungu Ahumahi kua mana, ā, e aromatawai ana i ā rātou hōtaka ki ngā paerewa paetae, me uru rātou ki ngā pūnaha whakarite e tika ana mō aua paerewa paetae.

Ko te tohutoro ki te Mahere Whakamana, Whakaōritenga hoki 0233