

## Paerewa Paetae

<b>Aronga</b>	Pūtaiao 1.3			
<b>Ingoa</b>	Te tūhura i ētahi āhuatanga o tētahi pūnaha-hauropi i Aotearoa			
<b>Kaupae</b>	1	<b>Whiwhinga</b>	3	<b>Aromatawai</b> Ā-roto
<b>Marau akoranga</b>	Te Marautanga o Aotearoa			
<b>Kokonga akoranga</b>	Pūtaiao			
<b>Mana rēhita</b>	Kua rēhitatia	<b>Te rā i mana ai</b>	12 Hakihea 2013	
<b>Te rā e arotakengia ai</b>	31 Hakihea 2019	<b>Te rā i puta ai</b>	12 Hakihea 2013	

### 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 Ao Tūroa, Te Taiao:*

3(i) *Ka whakamārama he mea nui te rerekētanga ā-ira i roto i te taiao hurihuri.*

3(ii) *Ka tūhura i te pānga mai o ngā mahi a te tangata, me ngā tukanga māori, ki tētahi pūnaha-hauropi i Aotearoa.*

E hono ana ki te Papa Whakaako mō Pūtaiao kei te pae ipurangi nei:

<http://tmoa.tki.org.nz/Te-Marautanga-o-Aotearoa/Taumata-Matauranga-a-Motu-Ka-Taea>.

### 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:

<http://tmoa.tki.org.nz/Te-Marautanga-o-Aotearoa/Taumata-Matauranga-a-Motu-Ka-Taea>.

**Paerewa Paetae**

<p><b>Paetae</b> Te tūhura i ētahi āhuatanga o tētahi pūnaha-hauropi i Aotearoa.</p>	<p>Hei tohu i te paetae:</p> <ul style="list-style-type: none"> <li>• Ka tūhura ā-taiao i tētahi pūnaha-hauropi i Aotearoa.</li> <li>• Ka whakamahi i te reo matatini o te pūtaiao hei tautohu i ētahi āhuatanga matua o taua pūnaha-hauropi.</li> </ul>
<p><b>Kaiaka</b> He kaiaka te tūhura i tētahi pūnaha-hauropi i Aotearoa.</p>	<p>Hei tohu i te kaiaka:</p> <ul style="list-style-type: none"> <li>• Ka whakamahi i te reo matatini o te pūtaiao hei whakaahua i ētahi āhuatanga matua o taua pūnaha-hauropi.</li> </ul>
<p><b>Kairangi</b> He kairangi te tūhura i tētahi pūnaha-hauropi i Aotearoa.</p>	<p>Hei tohu i te kairangi:</p> <ul style="list-style-type: none"> <li>• Ka whakamahi i te reo matatini o te pūtaiao hei whakamārama i ētahi āhuatanga matua o taua pūnaha-hauropi.</li> </ul>

**Kōrero Āpiti**

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

<p>[ngā] āhuatanga e pā ana ki te pūnaha-hauropi</p>	<p>Ko ēnei āhuatanga anake:</p> <ul style="list-style-type: none"> <li>• ngā huatau hauropi matua, pēnei i te hāpori, te taupori, te pūkame, te kaikame, te raupapa kame, te pae hauropi, te rerekētanga ā-ira, te rerenga koirora</li> <li>• ngā urutaunga ā-tinana, ā-whanonga hoki o ngā momo nunui e noho ana ki te wāhi i tūhuratia ai</li> <li>• te taupuhipuhi me ngā pānga o te mahi a te tangata ki te taiao.</li> </ul>
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Kuputaka:

kaikame

pae hauropi

pūkame

raupapa kame

rerenga koirora

taupuhipuhi

tūhura ā-taiao

biological consumer

ecological niche

biological producer

food chain

biodiversity

symbiosis

practically investigate

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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

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