

Paerewa Paetae

Aronga	1.2			
Ingoa	Te whakaatu māramatanga ki ētahi āhuatanga o te rauropi			
Kaupae	1	Whiwhinga	4	Aromatawai
				Ā-roto
Marau akoranga	Te Marautanga o Aotearoa			
Kokonga akoranga	Pūtaiao			
Mana rēhita	Te rā i mana ai			
Te rā e arotakengia ai	Te rā i puta ai			

Te Hononga ki te Marautanga

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

Whāinga Paetae

Te Ao Tūroa, Te Rauropi:

- 1 *Ka whakahāngai i ngā āhuatanga ā-tinana me ngā mahi o te tipu, o te kīrehe, o te moroiti, ki ā rātou tukanga koiōra, ā, ka tūhura i ngā āhuatanga taiao e pāpā ana ki aua tukanga.*
- 2 *Ka torotoro tauira e pā ana ki te tukunga iho o ngā āhuatanga ā-ira.*

E hono ana ki te Papa Whakaako mō te Pūtaiao 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>Paetae Te whakaatu māramatanga ki ētahi āhuatanga o te rauropi</p>	<p>Hei tohu i te paetae:</p> <ul style="list-style-type: none"> • Ka whakaatu māramatanga ki ētahi āhuatanga o te rauropi. • Ka whakamahi i te reo matatini o te pūtaiao hei tautohu i ngā huatau koiora e pāpā mai ana ki te oranga o tētahi rauropi i roto i tōna ake taiao.
<p>Kaiaka He kaiaka te whakaatu māramatanga ki ētahi āhuatanga o te rauropi</p>	<p>Hei tohu i te kaiaka:</p> <ul style="list-style-type: none"> • Ka āta whakaatu māramatanga ki ētahi āhuatanga o te rauropi. • Ka whakamahi i te reo matatini o te pūtaiao hei whakaahua i ngā huatau koiora e pāpā mai ana ki te oranga o tētahi rauropi i roto i tōna ake taiao.
<p>Kairangi He kairangi te whakaatu māramatanga ki ētahi āhuatanga o te rauropi</p>	<p>Hei tohu i te kairangi:</p> <ul style="list-style-type: none"> • Ka āta whakaatu mārire i te māramatanga ki ētahi āhuatanga o te rauropi. • Ka whakamahi i te reo matatini o te pūtaiao hei whakamārama i ngā huatau koiora e pāpā mai ana ki te oranga o tētahi rauropi i roto i tōna ake taiao.

Kōrero Āpiti

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

āhuatanga ā-ira	genetic characteristics
huatau koiora	biological concepts
momo	species
pūtau koiora	biological cell
urutaunga ā-tinana	structural adaptations
urutaunga ā-whanonga	behavioural adaptations
whakamomotanga	speciation

2 Me hāngai te aromatawai ki ngā Whāinga Paetae kua huaina i runga ake nei, tae atu ki ērā mō Te Rauropi i ngā Taumata 1 - 5.

3 Ko ngā āhuatanga o te rauropi, ko:

- te hanga me ngā mahi o te tinana me ngā wāhanga tinana, tae atu ki te pūtau koiora
- ngā urutaunga ā-tinana, ā-whanonga hoki o te rauropi kia ora ai i tōna ake taiao.

4 Ko ngā huatau koiora e pāpā mai ana ki te oranga o te rauropi, ko:

- ngā tukanga koiora matua e whitu, me ngā āhuatanga taiao e pāpā ana ki aua tukanga
 - ngā whakarōpūtanga o ngā rauropi, tae atu ki te momo me te whakamomotanga
 - te tukunga iho o ngā āhuatanga ā-ira
 - ngā pānga koiora i waenganui i ngā momo koiora, tae atu ki te tangata.
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He Kōrero mō te Whakakapi

Koinei hei whakakapi i te paerewa xxxx

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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