

Paerewa Paetae

Aronga	Pūtaiao 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	Kua rēhitatia	Te rā i mana ai	12 Hakihea 2013		
Te rā e arotakengia ai	31 Hakihea 2016	Te rā i puta ai	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 Rauropi:

- 1 *Ka whakahāngai i ngā āhuatanga ā-tinana me ngā mahi o te tipu, o te kīrehe, o te moroitī, 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 Pūtaiao kei te pae ipurangi nei:

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

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>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 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 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 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

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

<p>[ngā] āhuatanga o te rauropi</p>	<p>Kō ēnei āhuatanga anake:</p> <ul style="list-style-type: none"> • te hanga o te tinana, ngā mahi o te tinana me ngā wāhanga o te tinana, tae atu ki te pūtau koiora • ngā urutaunga ā-tinana, ā-whanonga hoki o te rauropi kia ora ai i tōna ake taiao.
<p>ngā huatau koiora e pāpā mai ana ki te oranga o te rauropi</p>	<p>Ko ēnei huatau anake:</p> <ul style="list-style-type: none"> • 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.
<p>whakaatu māramatanga</p>	<p>Ka whakaatu te ākongā i tōna ake māramatanga mō ngā āhuatanga Pūtaiao e hāngai ana, mā te whakaoti tūmahi tuhituhi (tūmahi kōrero rānei) pēnei i te pūrongo, te pānui whakaahua nui, me te rīpoata niupepa.</p>

Kuputaka:

āhuatanga ā-ira
huatau koiora
momo

genetic characteristics
biological concepts
species

pūtau koiora	biological cell
urutaunga ā-tinana	structural adaptations
urutaunga ā-whanonga	behavioural adaptations
whakamomotanga	speciation

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