

Paerewa Paetae

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|-------------------------------|---|------------------------|-----------------|--------------------------|
| 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 2020 | 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 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 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

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| <p>Paetae Te whakaatu māramatanga ki ētahi āhukatanga 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 āhukatanga 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 āhukatanga 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:

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| <p>[ngā] āhukatanga o te rauropi</p> | <p>Kō ēnei āhukatanga 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 āhukatanga 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 āhukatanga 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 āhukatanga 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:

āhukatanga ā-ira
huatau koiora
momo

genetic characteristics
biological concepts
species

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|----------------------|-------------------------|
| 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

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