

Paerewa Paetae

Aronga	1.5			
Ingoa	Te whakaatu māramatanga ki ētahi āhuatanga e pā ana ki a Ranginui			
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, Ranginui:

5 *Ka whakamārama i ngā tūmomo hangarau (pēnei i ngā tūmomo karu whātata, ngā amiorangi, ngā waka ātea) hei ako haere, hei torotoro i te whānau a Tama-nui-te-rā me te ao tukupū, i ngā hononga mokowā e pāpā mai ana ki a Papatūānuku.*

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 e pā ana ki a Ranginui</p>	<p>Hei tohu i te paetae:</p> <ul style="list-style-type: none"> • Ka whakaatu māramatanga ki ētahi āhuatanga e pā ana ki a Ranginui, arā, o te whānau a Tama-nui-te-rā me te ao tukupū. • Ka whakamahi i te reo matatini o te pūtaiao hei tautohu i ngā hononga mokowā e pāpā mai ana ki a Papatūānuku.
<p>Kaiaka He kaiaka te whakaatu māramatanga ki ētahi āhuatanga e pā ana ki a Ranginui</p>	<p>Hei tohu i te kaiaka:</p> <ul style="list-style-type: none"> • Ka āta whakaatu māramatanga ki ētahi āhuatanga e pā ana ki a Ranginui, arā, o te whānau a Tama-nui-te-rā me te ao tukupū. • Ka whakamahi i te reo matatini o te pūtaiao hei whakaahua i ngā hononga mokowā e pāpā mai ana ki a Papatūānuku.
<p>Kairangi He kairangi te whakaatu māramatanga ki ētahi āhuatanga e pā ana ki a Ranginui</p>	<p>Hei tohu i te kairangi:</p> <ul style="list-style-type: none"> • Ka āta whakaatu mārire te māramatanga ki ētahi āhuatanga e pā ana ki a Ranginui, arā, o te whānau a Tama-nui-te-rā me te ao tukupū. • Ka whakamahi i te reo matatini o te pūtaiao hei whakamārama i ngā hononga mokowā e pāpā mai ana ki a Papatūānuku.

Kōrero Āpiti

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

<p>ngā āhuatanga e pā ana ki a Ranginui</p>	<ul style="list-style-type: none"> • te toro ātea mai i a Papatūānuku: te mātakitaki i te rangi pō - te Marama, ngā aorangi, me ngā whetū • te karu whātata, te pūkohi hihirangi, te whātata ātea • te toro ātea mā ngā amiorangi horihori me ngā waka āmio: te puta atu i te tō-ā-papa • te toro ātea mā te waka tākirirangi, te pōkai ātea, te taunga ātea • te toro ātea ā-tinana: ngā uauatanga
<p>ngā hononga mokowā e pāpā mai ana ki a Papatūānuku</p>	<ul style="list-style-type: none"> • te āmionga o te Marama i a Papatūānuku me ōna āhua • te āmionga o Papatūānuku i a Tama-nui-te-rā • tā te Marama whakamau i ngā tai • ngā āraitanga ā-Marama, ā-Rā

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

Kuputaka:

āmiorangi horihori	artificial satellite
karu whātata	optical telescope
pōkai ātea	space probe
pūkohi hihirangi	radio telescope
taunga ātea	space station
waka āmio	space orbiter
waka tākirirangi	space rocket
whātata ātea	space telescope

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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