

Tikanga Māori Mātāpono Tikanga Māori Principle

Ngā āhua o te rangi - weather patterns are many and kaiako play an important part in teaching tamariki about the weather. The seasons and what clothes we should be wearing or the seasonal foods available and how tamariki notice and learn about the repetitive natural occurrences of the country and world. Māramatanga is about when the child comes to understanding new discoveries and meanings.

Tamariki are usually scared of the thunder crackling but they love to jump in puddles of water and looking at rainbows after a light shower of rain: ua tihengi. Kaiako can share observations about the weather and discuss climate changes these a pathways to teaching tamariki about science, as weather is something tamariki can relate to and understand.

- Kaiako can set up the classroom where tamariki can track temperatures, humidity, precipitation etc.
- Make sure to take time to discuss the data and observations the tamariki have recorded in the weather journal:
 - a) Are the tamariki seeing the seasonal changes in nature?
 - b) Do the tamariki understand what's causing the temperature to increase or decrease?
 - c) Discuss a variety of weather information from the local newspaper, or facts shared by the weather channel.
 - d) Take photographs of different weather-related scenes, outcomes.



Waiata Titiro ki te rangi

Nā Ngaroma Williams

Titiro ki te rangi – kahurangi!
Kua whiti mai te rā Whakamahana i a
Papatūānuku
Hei tupu oranga

Titiro ki te rangi (kiwikiwi)
Kua moe kē te rā
Kōpatapata te ua
Hei tupu oranga

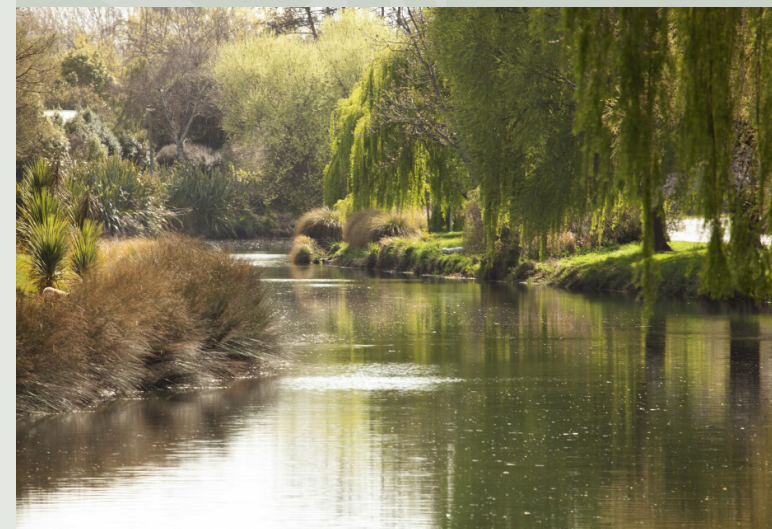
Look at the sky – blue!
The sun is shining
Warming Papatūānuku
Good for new growth
Look at the sky – grey
The sun is sleeping
Pitter patter goes the rain drops
Good for new growth

<https://ako.ac.nz/ki-te-hoe-indigenising-practice>

Ki te hoe Indigenising Practice

Te reo me ngā tikanga Māori
Rauemi mā ngā kaiako

Āhua o te rangi Weather



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Te kaitiaki Tawhirimātea:

Tāwhirimātea is the kaitiaki associated with weather elements such as the winds, storms, and the rain. All aspects of the weather come under his influence. The many descendants of Tāwhirimātea include all the different types of winds, the various types of storms, and all the different forms of rain.

Ngā huinga reo - Vocabulary

- Ātaahua: beautiful.
- Āwhā, marangai, Atiru: storm.
- Hau: wind.
- Hauhau: windy.
- Hukapapa: frost.
- Hukarere: snow.
- Kapua: cloud.
- Kohu: mist.
- Pai: good.
- Paki: fine.
- Pupuhi: blow.
- Rā: sun, day.
- Rangī: day, sky.
- Ua: rain.
- Ua whatu: hail.
- Uira: lightning.
- Whiti shine.

Ngā Tūmahi - Action words

- Heke iho: falling downwards.
- Pupuhi: blowing.
- Whiti mai: shining towards (earth).
- Puta mai: coming out, appearing.
- Hiko: to flash (lightning)

Ngā rerenga kōrero – Phrases Tohuwā: Tense Markers:

- Kei te - present tense.
- Ka - past, present or future tense
- Kei te heke iho te ua ki Ōtautahi.
The rain is falling in Christchurch.
- Ka pupuhi te hau ki Whanganui-a-Tara i tēnei rangī.
It is windy in Wellington today.
- Kei te whiti mai te rā ki Kirikiriroa i tēnei ahiahi.
The sun is shining in Hamilton this afternoon.
- Ka puta mai ngā kapua ki Uawa āpōpō.
It will be cloudy at Tolaga Bay tomorrow.

Track the weather – set up a weather chart:

Date 23-27/1				
Mane	Tūrei	Wenerei	Tāite	Paraire
Ka whiti te rā. The sun shone.	Ka whiti te rā i ētahi wā. The sun shone sometimes.	Ka puta ngā kapua. The clouds appeared.	Ka heke te ua. The rain fell.	Ka heke te ua. The rain fell.
Date 30/1-3/2				
Mane	Tūrei	Wenerei	Tāite	Paraire
Ka pupuhi te hau. The wind blew.	Ka whiti te rā.	Ka heke te ua.	Ka heke te ua.	Ka whiti te rā.

Ngā rerenga kōrero: Everyday Phrases

He is used as a particle within these structures:

- He rā aha tēnei? What sort of day is this?
- He rā paki tēnei. This is a fine day.
- He rā wera tēnei. This is a hot day.
- He rā makariri tēnei. This is a cold day.
- He rā ua tēnei. This is a rainy day.
- He rā mahana tēnei. This is a warm day.
- He ra hau tēnei. This is a windy day.
- He rā takawai tēnei. This is a humid day.



He pai te huarere tēnei tau nē Rawiri.
The weather has been good this year.
Āe, tino waimarie, he maha ngā rīwai.
Yes we are lucky, we have heaps of potatoes.