



## The Impact of Gabrielle 2023

Far North coastline (Rarawa Beach – Te Oneroa a Tohe) damaged, now recovering from 2023 Cyclone. Gabrielle caused significant damage to the infrastructure of our coastline. We must continue to fuel the fire within the youth today who have a genuine passion for looking after the environment.





## Ngataki school - Te Hapua school

The schools initiated a project to education our people to protect and recognise the importance of Taiao. Students from both schools considered what information was important to educated our people. Beach monitoring programs on our beach, dune areas will keep birds and other animals safe and hopeful increase the numbers



Our school designed and made the signs.  
On the day the school helped alongside  
our local council and iwi.

Unfortunately these were stolen, however we  
replaced the signs.





People in our community support and protect our Pingao.

Darrin Axe (Far North Council) involved putting up our signs.

Rex Munn from Ngati Kuri helped with the fencing for our bird (dotterel) sanitary area.

Summer is the busiest time on Rarawa beach. Ngati Kuri hope to put bollards up to protect our bird sanctuary.

Previously tape has been used to section the bird sanctuary which failed to sustain itself, also not environmentally safe for our sea life.





This is an outreach program run by Sam Nathan from Dargaville

Hands on, is a way of teaching our children to learn about Pingao. Collecting the seeds and propagating in December, pricking out Pingao seedlings in March then placed in a stand out area for 19 months.

Planting happens on the King of England birthday 6<sup>th</sup> June, then the cycle starts again.

During this process, tamariki will learn the life cycle of the Pingao and Toheroa.





Nature works in many ways that supports the coastline

Infrastructure when planting is significant for our Taiao.

- Picture 1 before Cyclone Gabrielle.
- Picture number 2 shows the damage after Cyclone Gabrielle in February 2023.
- Picture 3, shows the growth of nature and its healing, that restored the infrastructure of the dune after the Cyclone Gabrielle.





This is the design of the 3 Pa Kainga sites, 1 in Rarawa beach Rd and 2 located at Te Pahi.

There will be 44 homes that will be built on Rarawa Rd

There will be a Pingao nursery set up on the Pa Kainga site managed by the Pa Kainga whanau.

Our community who have a passion for our Taiao, must understand the importance to carry on the work of the life cycle for Pingao to survive.

