

Introduction

Yachting New Zealand is reinventing how it supports clubs to engage with schools and kura through out Aotearoa New Zealand. For the last fifteen years the 'Have A Go' schools' programme has delivered well on Sir Peter Blake's vision of every child in Aotearoa New Zealand having the opportunity to have a go at sailing.

It is now time to build on this strong base and expand the schools' programme to encourage an even broader and more diverse cross section of kiwi kids to become involved with the sport.

Yachting New Zealand is developing a schools' programme called RŪNĀ that uses an integrated, experiential curriculum that focuses on exploration, innovation and environmentalism to engage kiwi kids in solving real life problems in their local community.

Aim

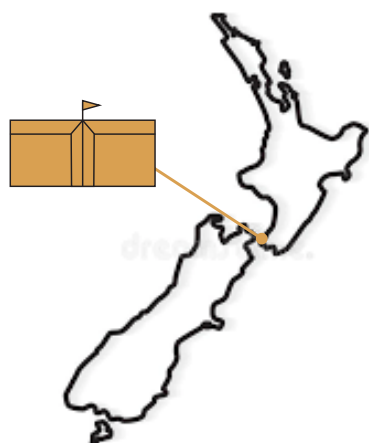
RŪNĀ helps kiwi kids develop water skills for life and safer boating skills while researching local history, harnessing the power of the wind and restoring marine ecosystems.

Vision 2025

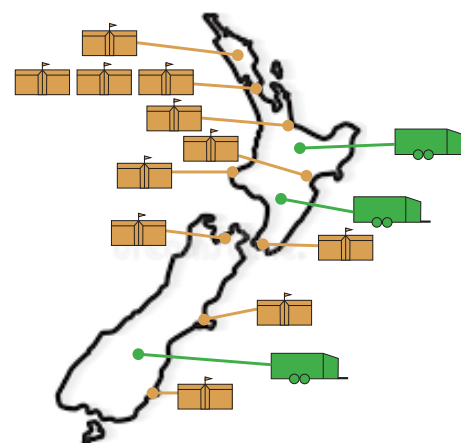
It is envisaged that in 2025 there will be a network of sailing clubs throughout Aotearoa New Zealand that have been established as Education Outside the Classroom (EOTC) centres in partnership with Yachting New Zealand, a local cluster of schools and kura, and their community including Iwi. It is envisaged that each of these centres will be resourced with personnel and equipment to help deliver RŪNĀ. In addition to these centres it is envisaged that three mobile trailers will be in operation around the country supporting other clubs and communities to deliver aspects of the RŪNĀ in partnership with their local schools.



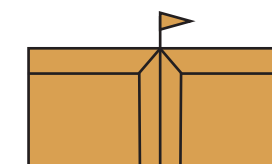
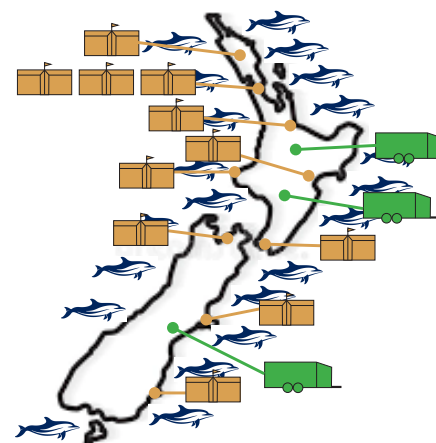
Initiate 2020-2022



Expand 2021-23

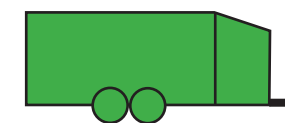


Sustain 2023-25



EOTC Centres

Established in existing yacht clubs in partnership with Yachting New Zealand, EOTC centres are places where local schools come to participate in the experiential components of each of the three knowledge modules of **RŪNĀ**.



Mobile Trailers

Equipped with sail boats and tactile resources to ignite student inquiry, the mobile trailers support clubs throughout New Zealand that are not EOTC centres to engage with their schools and deliver the experiential components of **RŪNĀ**.



NZL's Blue Belt

Helping build NZ's Blue Belt is something that sailing clubs around the country can do in partnership with schools and iwi as part of the Moanamana component of **RŪNĀ**.

Initiate.

Initially one club will be established as an EOTC centre. Teachers from the Motu Kairangi Kāhui Ako will work with the Worser Bay Boating Club in Wellington to develop, test and pilot **RŪNĀ**.

Expand.

An additional group of clubs will be established as EOTC centres and will be supported to deliver **RŪNĀ** based on the model developed in Wellington. Nationwide delivery to schools will begin through a combination of these centres and the mobile trailers.

Sustain.

Yachting NZ and Sport NZ will develop a business case for ongoing long term support of the schools' programme so it can become a sustainable part of the Aotearoa New Zealand education landscape well into the future.



RŪNĀ supports kiwi kids to learn from the past to 'steer' toward a sustainable future.

RŪNĀ involves three modules:

- **Kōrinorino o Ngā Tupuna** – Following in the wake of our ancestors (Social Studies and Local History - focuses on understanding local settlement stories).
- **Kōkōkaha** – Harnessing the power of wind (Science, Technology, Engineering and Maths - focuses on designing sustainable energy solutions).
- **Moanamana** – Building NZL's Blue Belt (Science and Education for Sustainability - focuses on restoring marine ecosystems).

Each module is made up of in-classroom learning experiences delivered by teachers, supported by a sailing experience, and followed by a call for learners to take action.

Each module is designed for students in years 5 through to 10 but can be easily adapted for older or younger children.

Each module includes opportunities to develop water skills for life and safer boating skills to ensure kiwi kids learn and develop the knowledge and skills to safely enjoy our marine environment.

Kōkōkaha is the first of the three modules to be fully developed and was launched alongside New Zealand hosting the 36th America's Cup.

The next two modules, Kōrinorino and Moanamana, will be designed, tested and piloted with local schools during 2021 with the goal of going live during 2022.



RŪNĀ
FOLLOW YOUR STAR



TUKANGA - PROCESSES

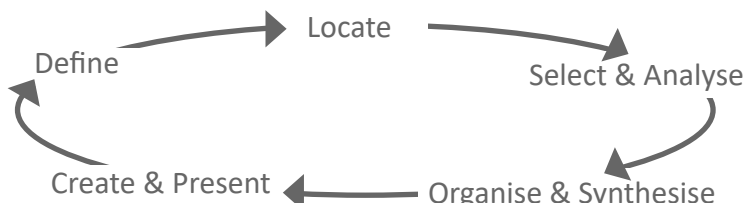
... are used by learners to acquire ...

MŌHIOTANGA - KNOWLEDGE

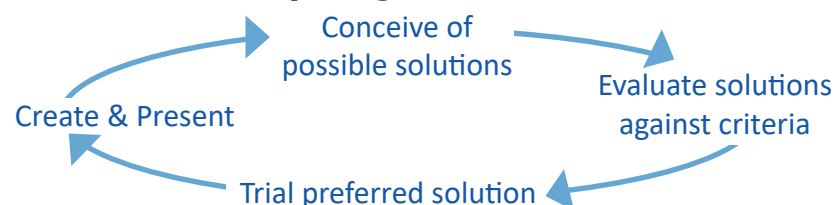
... are used by learners to acquire ...

PŪKENGĀ - SKILLS

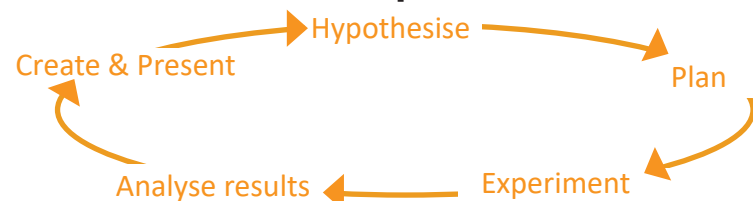
Pakirehua - Inquire



Whakaoti Rapanga - Problem Solve



Whakamātau - Experiment



Module one involves learners researching the history of the settlement of New Zealand Aotearoa, both Māori and Tāiwhi. They use safer boating skills and water skills for life to feel what it was like for our ancestors to sail to this country. Learners chart the significant features from their research both on land and on the sea.



Module two involves learners researching how to harness the power of the wind. Learners use safer boating skills and water skills for life to feel the power of the wind. Learners use the technology problem solving process to design a technology to harness the power of the wind.



Module three involves learners researching efforts in the global, national and local community to reverse the degradation of aquatic ecosystems. Learners use water skills for life and safer boating skills as they research the state of aquatic ecosystems in their local community. They use the experiment process to help restore these ecosystems as part of the NZL Blue Belt.



Maritime New Zealand

Prep Your Boat
Check your Gear
Know the rules
Wear your life-jacket

Take two waterproof ways to call for help
Check the marine weather forecast
Avoid alcohol
Be a responsible skipper



Water safety and awareness
Getting in and out of the water safely

Submersion - Getting under the water
Personal buoyancy - Staying afloat
Orientation in the water
Safety of self and others
Propulsion - Moving through the water

Water Safety New Zealand

RŪNĀ relates learning to real authentic purposes.

RŪNĀ enables learners to take on real and meaningful roles.

RŪNĀ involves learners in real contexts beyond the school.

RŪNĀ transfers learning across contexts - school, community & beyond.

RŪNĀ integrates knowledge, attitudes and values.

RŪNĀ fosters learning dispositions.

... and develop the competencies required to be active members of their community

TOHUNGATANGA - COMPETENCIES

Learners actively seek, use and create knowledge.

Learners use a wide range of language, symbols and text augmented by technology to communicate knowledge to others.

Learners set personal goals, make plans, manage projects and achieve challenges

Learners are able to listen actively, recognise different points of view, negotiate and share ideas.

Learners actively participate in the broader community.

New Zealand Ministry of Education

PROBLEMS ADDRESSED THROUGH RŪNĀ

- New Zealanders have said that they want the next generation to apply lessons from the past as they shape our future
- The world needs to increase the amount of energy that comes from renewable sources
- Over 60% of the world's marine ecosystems are degraded

... to help Aotearoa New Zealand solve complex and enduring problems.

PUTANGA - OUTCOMES

RŪNĀ equips kiwi kids with knowledge, skills and competencies to help them contribute to their local community.



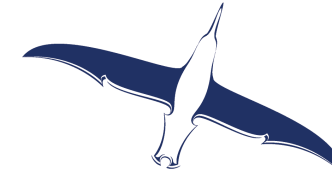
“Follow your Star” speaks to the Brand title ‘Rūnā (to steer), and is about seeking guidance while navigating a self-determined pathway.



The star design mirrors traditional tukutuku, referencing the three baskets of knowledge. Stars were a key navigational tool for our ancestors, and are a powerful symbol for those seeking inspiration and guidance.



The Waka represents a connection to our traditions as a sea-faring nation, capturing their spirit of adventure, and offering a sense of direction and purpose.



With its great wing-span, the Toroa/Northern Albatross is synonymous for its ability to harness the power of the wind, and lauded by Māori as a guardian and guide.



Tohora/Whales are considered to be chiefly animals and harbingers of great abundance - The Orca represents determined leadership, strength, nurturing and care.



Aihe/Dolphins are considered sacred by Māori, they have a symbiotic relationship with our natural environment, characterised by their curiosity and playfulness.

PAPA - FOUNDATIONS

Aim: Inspiring kiwi kids to understand and actively engage in all forms of Sailing.

Objectives: RŪNĀ is a ‘Lighthouse Brand’ to house and promote three education modules:

- Kōrinorino - Our ancestors’ wake
- Kōkōkaha - Powered by wind
- Moanamana - NZL’s Blue Belt

Purpose: Embracing diversity and building a sense of Aotearoatanga (Nationhood) by supporting Kiwi kids to learn from the past to ‘STEER’ toward a sustainable future

Values: Tūrangawaewae - Understanding our place, Manaakitanga - Caring for people, Kaitiakitanga - Caring for the Environment, Wairuatanga - Uplifting the mauri of our Youth;

POU - PILLARS

Atua: Tāwhirimātea (wind & weather), Tangaroa (sea, lakes, rivers)

Kaitiaki: Tōroa - Northern Albatross, Aihe - Dolphins, Tōhora - Whales

Karakia: Whakataka te hau

Whakataka te hau ki te uru - Cease the winds from the west
Whakataka te hau ki te tonga - Cease the winds from the south
Kia mākinakina ki uta - Let the breeze blow over the land
Kia mātaratara ki tai - Let the breeze blow over the ocean
E hī ake ana te atakura - Let the red-tipped dawn come with a sharpened air.
He tio, he huka, he hau hū - A touch of frost, a promise of a glorious day.
Tihei mauri ora! - Let there be life!

Whakatauki: He waka eke noa - We are all in this together.

Waiata & Haka: Tōia Mai

Tōia mai te waka nei, - Haul this canoe,
Kūmea mai te waka nei, - drag the canoe up here,
Ki te takotoranga i takoto ai, - to its resting place,
Tiriti te mana motuhake. - the Treaty gives us our autonomy.

Te tangi a te manu e - May the cry of the bird,
Pipī-wha-rau-roa - The shining cuckoo,
Kūi! Kūi! Kūi! - Quee! Quee! Quee!
Whitiwhiti ora! - Signal a change for the better,
Hui e, tāiki e. - Draw together, become intertwined!

HEKE - RAFTERS & TĀHUHU - BACKBONE

RŪNĀ has six heke which help frame the content that supports the tāhuhu, which is Yachting New Zealand’s vision for the schools’ programme.

Heke 1 Our Island Nation:

Aotearoa New Zealand is an island nation surrounded by ocean. Its isolation for millennia and unique geology have led to an abundance of bird species which are found nowhere else in the world. The strong ocean currents that flow along the vast coastline are home to abundant sea life and many of our people have a deep connection to the sea that surrounds us.

Heke 2 Tangata Whenua:

The great migration from Polynesia saw Māori established as Tangata whenua in Aotearoa. Māori followed well-worn star paths and utilised well-refined navigation techniques, honed over generations of movement throughout the Pacific, to travel to and set up home in Aotearoa. The significance of this migration is emphasised in RŪNĀ content.

Heke 3 Tauīwi:

Many centuries later European migration to the same land began following the same star paths but using traditional European navigation. Understanding these journeys and the technologies used, along with the impact of Te Tiriti o Waitangi and subsequent colonisation, is a further context for learning through RŪNĀ.

Heke 4 Innovation:

Right from the early days of settlement to modern times innovation in using the wind to traverse the ocean has been deep in our DNA. The journey from waka hourua to foiling mono hulls is a rich vein of content for RŪNĀ.

Heke 5 Excellence:

A common theme of excellence flows through much of our sailing history. From the world’s greatest migration, to ocean racing, the Olympics, and the America’s Cup, excellence is a constant that is highlighted in RŪNĀ content.

Heke 6 Sustainability:

A commitment to sustainability is central to sailing from the grass roots through to World Sailing. Harnessing the wind and restoring marine ecosystems are key focus areas for taking action within RŪNĀ.

Tāhuhu YNZ Vision:

Yachting New Zealand’s vision is that RŪNĀ will increase diversity in sailing and will help to create a stronger sense of Aotearoatanga (Nationhood) among New Zealanders.

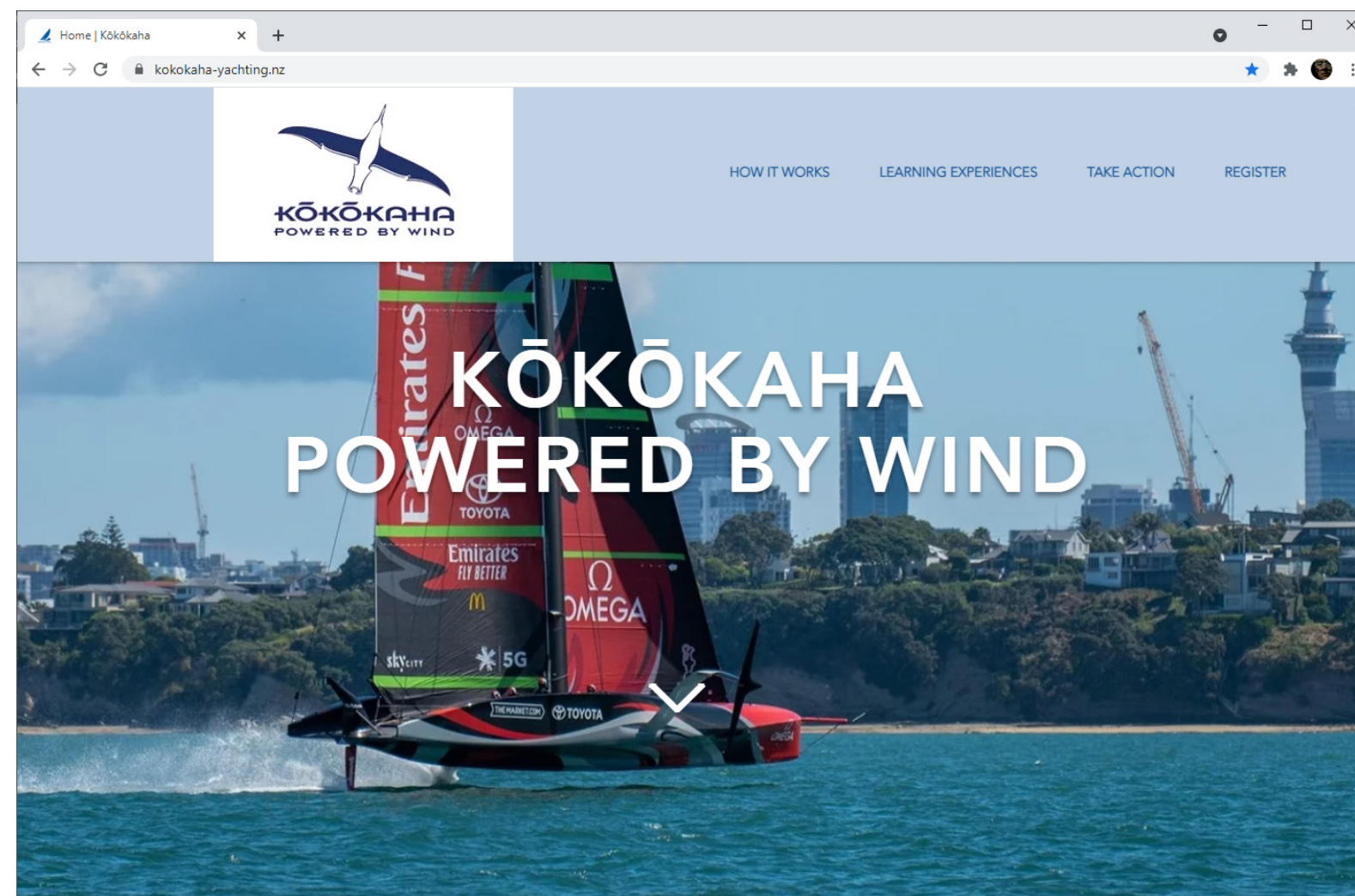


Kōkōkaha was developed as part of the official legacy programme aligned to New Zealand hosting the America's Cup in 2021.

The America's Cup provided a stimulating and motivating context for students across Aotearoa New Zealand to develop science, technology, engineering and maths (STEM) knowledge and skills during term 1 2021.

Kōkōkaha was developed with support from the Unlocking Curious Minds Fund which is administered by MBIE in partnership with the Ministry of Education.

Kōkōkaha is now available to schools and kura across the country with 19 providers and 3 trailers set up to deliver the sailing experience in this module.



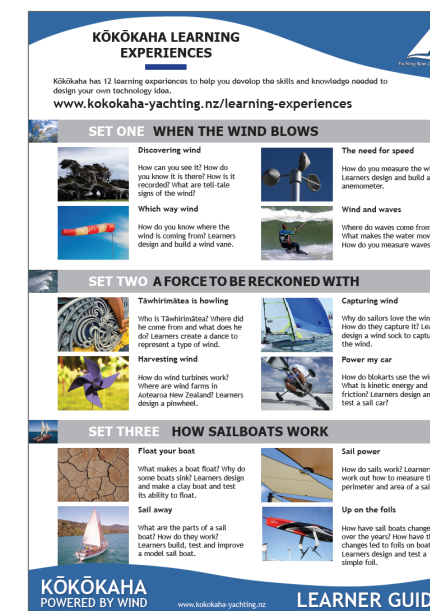
Kōkōkaha website www.kokokaha-yachting.nz



Teacher Guide



Sailing Experience Activities



Learner Guide



Kōrinorino will be developed using the same service design process as Kōkōkaha. The format will be the same as Kōkōkaha with a challenge, a set of classroom experiences, a sailing experience and a call to take action.

1. Te Wero

New Zealanders have made it clear that the current gaps in knowledge of our histories are not okay. Imbalance in how our history is told and valued contributes to enduring inequity between tangata whenua and tauwi.

New Zealanders have also made it clear that they want the next generation to be able to apply lessons from the past as they shape our future. In order to do this we need to know our own local histories.

2. Before we start

Aotearoa New Zealand is home to the world's greatest voyagers and we hold the record for the most significant migration of all time.

Sir Ian Taylor makes impressive use of technology to tell the stories of voyaging to Aotearoa New Zealand in the website 'Land of Voyagers'.

Listen carefully to Ian's korero in this video as it will help us shape our own voyage of discovery into our local history.

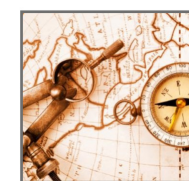


3. Classroom experiences

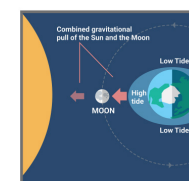
1. Finding our way



Where are we?



Plot the course



Tides, moon & sun



QR the school

2. Our turangawaewae



What was here first?

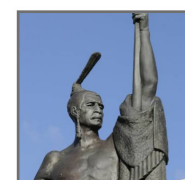


Who got here first?

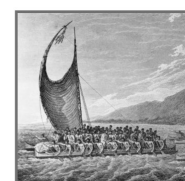


What's in a name?

3. From Kupe to Cook



Tangata whenua c 1200 to Kupe



Tangata whenua The great migration



Tauiwi 1642 Tasman



Tauiwi 1769 Cook

4. Sailing

The sailing experience will be called 'Feel like Kupe'.

Learners will be given a set of coordinates to navigate to. Their yachts will carry a cellphone that has a Pokemon GO style game installed. They will collect snippets of local history as they navigate to each coordinate.

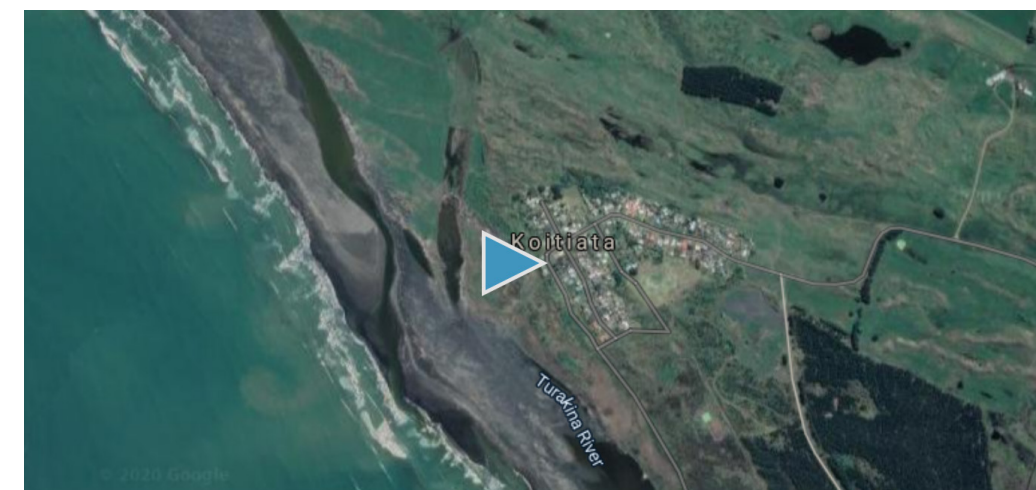
The land based activities will make use of compasses, GPS's and te kapehu whetū.

5. Take Action

Our mission is to research and share parts of our local history.

The focus of your story should be on the interactions between, and contributions of, tangata whenua and tauiwi that have led to the making of our place.

Once you have created your history use the upload tool to add it to the Local History gallery.





The process for developing Moanamana is slightly different to that used to create Kōkōkaha and Kōrinorino. This module is intergenerational with students in the future building on the work their peers have done in the past. This requires a slightly different development pathway as is outlined below.



MOTU KAIRANGI KAHUI AKO



WORSER BAY BOATING CLUB



Boat & Beach Wise
Keeping Kiwi Kids Sea Safe and Active

Te Whare Mātauranga o Waka Tuaone has been established as an EOTC centre by Worser Bay Boating Club and the Boat & Beach Wise Trust, in partnership with the Motu Kairangi Kāhui Ako.

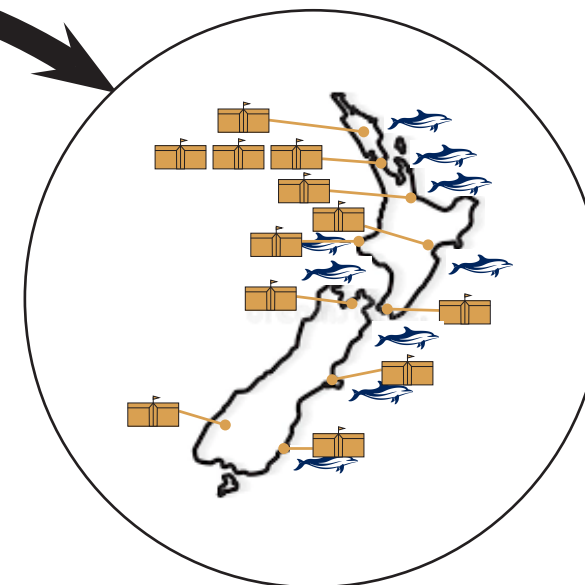
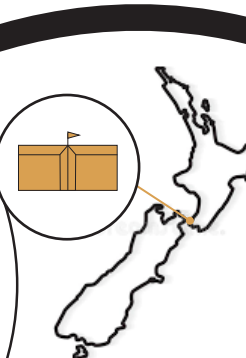
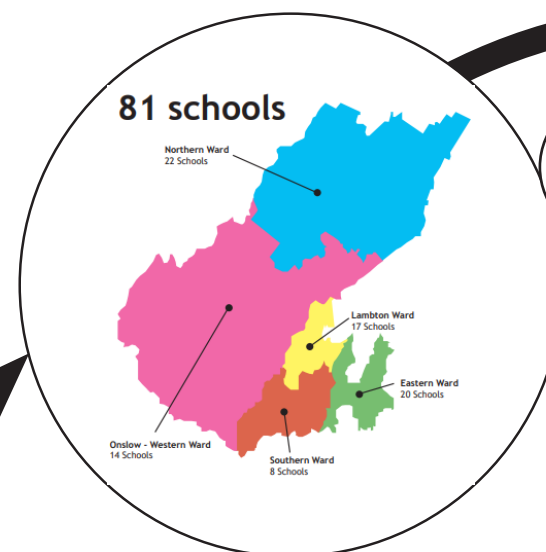
The schools in the Kāhui Ako are working with the club and the trust to design, test and pilot the three modules of the RŪNĀ curriculum.



Students have identified a set of projects to establish a NZL Blue Belt site.

These projects include a penguin hotel, an interactive snorkel trail, an underwater sculpture gallery, a shellfish nursery, an anemone garden and environmental awareness artwork.

Successive waves of students will work on the projects as a means of restoring degraded habitats and marine ecosystems at Worser Bay.



The centre is being resourced with personnel and equipment to deliver RŪNĀ, not only to the Motu Kairangi Kāhui Ako but also to other schools in the Wellington City Council boundaries.

Te Whare Mātauranga o Waka Tuaone at Worser Bay Boating Club is seen by Yachting New Zealand as the prototype EOTC centre.

Yachting New Zealand proposes in time to establish a network of EOTC centres across Aotearoa New Zealand, resourced with personnel and equipment to deliver RŪNĀ in their areas, based on the Wellington prototype.

Each centre will develop their own NZL Blue Belt site in partnership with Yachting New Zealand, a local cluster of schools, and their community including Iwi.