



Te Rangahau Curiosity Centre

2020

Welcome to the 2020 Te Rangahau Curiosity Centre Booklet.

A field trip in your own backyard the Te Manawa suite of Learning opportunities for your learners provides practical experiences and connections to curricula, curiosity, stories and objects.

If you don't see something that quite meets your needs, get in touch and let us know. We are always happy to discuss options and develop new learning experiences.

Contact Us

Phone: 06 355 5000
Email: bookings@temanawa.co.nz
Website: www.temanawa.co.nz
Facebook **Instagram** [temanawa.nz](https://www.facebook.com/temanawa.nz)
Location: 326 Main Street, Palmerston North
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How to use the Te Rangahau Brochure

We're all about making things simple, easily accessible and identifiable. Our programme opportunities are designed with three focus points:

- 1) Exciting programmes to inspire a natural curiosity and love of learning.
- 2) Practical experiences to connect with our collections and stories.
- 3) Memorable activities to enhance knowledge.

This booklet has been designed with ease of use in mind. In addition to programme information, there are a few common symbols and references throughout the book.

Delivery mode:  At Te Manawa  Multi-location or Off-site

Age group: 

Duration:  1 hour  1.5 to 2 hours  2 hours

Cirriculum Links: Each programme details the relevant direct links to the New Zealand Cirriculum. For further information please contact us as the majority of our offers take a cross-cirricula approach to the subjects.

Vocational pathway opportunity (if applicable):

-  Primary Industries
-  Services Industries
-  Social & Community Services
-  Manufacturing & Technology
-  Construction & Infrastructure
-  Creative Industries

Working behind the scenes to develop adaptable programmes, our learning team is always looking for new approaches. We would love for you to get in touch.

Phone: 06 355 5000
Email: bookings@temanawa.co.nz
Website: www.temanawa.co.nz
Facebook: @temanawa.nz

For your students

2020 continues to bring new opportunities for curiosity based learning at Te Manawa with a blend of new and updated programmes.

Our programmes are focused on providing curricula based learning activities designed to enhance learning through curiosity. With access to resources for art, science, history and technology, we can provide examples and activities of theoretical concepts through practical programmes.

All Te Rangahau programmes can be tailored to suit your students and specific learning outcomes. This includes supporting you with curricula outcomes, core competencies and/or evidence based options.

We are passionate about creating memorable experiences to enhance your students' own experience and we look forward to working with you.

“Excellent teachers, great!”

Teacher voice



Social Science and Heritage

SOCIAL SCIENCE AND HERITAGE

Exploring Evidence

Learners will use objects to spark conversations about culture, heritage, technology and design. They will gain insight into museum practices and discover how collections help to preserve our stories.

Curriculum Links: Technology | Social Sciences | English | The Arts



2 hours



Year 3 – Year 10



Onsite Only



Social and Community

How Electricity has Changed Our Lives (NEW)

How has electricity changed the way we live? A programme for junior learners using a number of hands-on activities exploring the many ways that electricity has changed the objects we use every day and the way that we live our lives.

Curriculum Links: Technology | Social Sciences | Visual Arts



2 hours



Year 0 – Year 4



Onsite Only

I Communicate, We Communicate (NEW)

Students will explore the technological changes and historical events that have shaped the way we connect and communicate. From Semaphore to Cellphones, students will consider communication through a series of practical activities.

Curriculum Links: Technology | Social Sciences | History



1.5 hours



Year 3 – Year 6



Onsite Only

Kiwiana

Step back in time and discover how New Zealand's identity was forged by its quirky objects and customs in the post-war period.

Curriculum Links: Technology | Social Sciences | English | The Arts



1.5 to 2 hours



Year 3 – Year 10



Onsite Only



Social and Community

Life in the 1950s

From paper dolls to wringer washing machines, learners will create links and contrast life as it was with life today.

Curriculum Links: Technology | Social Sciences | English | The Arts



2 hours



Year 3 – Year 8



Onsite Only



Social and Community

Māori Myths – Wind

Through puppetry and drama, learners will explore the myth of Tāwhirimātea the Māori god of wind and produce their own porotiti.

Curriculum Links: Language | Culture | Social Sciences | The Arts



2 hours



Year 1 – Year 8



Multi-location



Social and Community

Old School Days

Experience education as it was in the past. Pupils will explore the three R's – reading, 'riting and 'rithmetic - in Te Manawa's original old school house, with the teacher using the strict disciplinary approach of the time.

Curriculum Links: Language | Culture | Social Sciences | Technology | English



45mins - 1 hour



Year 1 – Year 8



Onsite Only



Social and Community

Pioneer New Zealand

Learners will experience the clothing, games and chores common to the late 19th - early 20th centuries.

Curriculum Links: Language | Culture | Social Sciences | Technology



2 hours



Year 1 – Year 8



Onsite Only



Social and Community

Our People Our Town

Learners complete a range of activities designed to support knowledge of the history of our town, it's important places and some of its famous people.

Curriculum Links: Language | Culture | Social Sciences

 1.5 to 2 hours

 Year 4 – Year 8

 Onsite Only

 Social and Community

Toys and Games Through Time

Through hands-on play learners will investigate toys and games – old and new. Students will discover the role of play in the development of skills and knowledge of their world.

Curriculum Links: Language | Culture | Social Sciences

 1.5 to 2 hours

 Year 1 – Year 8

 Onsite Only

 Social and Community



A Look into Colin McCahon (NEW)

Colin McCahon is considered New Zealand's most famous modern painter. In this programme students will look at artworks that span his career, focusing on his interpretations of the New Zealand landscape. Using similar materials to those often used by McCahon, and inspired by his painting style, learners will paint, either waterfalls, kauri forests or other landscapes.

Curriculum Links: The Arts | History

-  1.5 hours
-  Year 3 – Year 13
-  Onsite Only
-  Creative

Colour My World

Through storytelling, viewing and discussion of different art works and practical colour exercises, learners will explore the impact of colour on our lives.

Curriculum Links: Technology | The Arts

-  1.5 to 2 hours
-  New Entrant – Year 8
-  Onsite Only
-  Creative

Da Vinci's Studio

Learners will compare and contrast Renaissance painting materials and techniques with modern practice through practical activities. They will have a hands-on experience making materials used in Da Vinci's studio resulting in an egg tempera portrait.

Curriculum Links: The Arts | History | Technology

-  1.5 to 2 hours
-  Year 2 – Year 12
-  Onsite Only
-  Social and Community,
-  Manufacturing and Technology,
-  Creative

Design a Dino

Learners will use their imaginations to create their own 'fantasy dinosaur' exploring shape, colour, texture and pattern.

Curriculum Links: The Arts | Science

-  2 hours
-  New Entrant – Year 10
-  Onsite Only
-  Creative

Print It!

Exploring a range of print-making processes, learners will discover concepts relating to composition, colour, texture and technology.

Curriculum Links: Technology | The Arts

-  2 hours
-  Year 3 – Year 8
-  Onsite Only
-  Creative

Treasured Tapa

Learners will investigate the meanings behind the symbols used in this Pacific art form before creating their own stylised piece of Tapa.

Curriculum Links: Language | Culture | The Arts

-  2 hours
-  Year 2 – Year 8
-  Onsite Only
-  Social and Community,
-  Creative

X-Ray Art

Fusing Art, Science and Technology, learners will be made aware of the unexpected links between Science and Technology, ancient Aboriginal traditions and modern art.

Curriculum Links: Language | Culture | The Arts | Technology | Science

-  2 hours
-  Year 1 – Year 8
-  Onsite Only
-  Social and Community,
-  Creative

Science and Technology

SCIENCE AND TECHNOLOGY

Bodies and Bones

Learners become skeleton detectives investigating different skeletons and discovering how each is adapted to the life a species leads.

Curriculum Links: Science | Health and Physical Education | English



2 hours



Year 1 – Year 8



Onsite Only



Social and Community

Dino Dig

Learners will become palaeontologists and dig for fossils. They will explore how fossils are formed, and reflect on what New Zealand may have looked like at the time of the dinosaurs.

Curriculum Links: Science | The Arts



2 hours



New Entrant – Year 4



Onsite Only



Social and Community

Fizzing and Foaming

Using everyday objects, learners will complete experiments using their scientific skills of observation, measurement and prediction.

Curriculum Links: Science | English | Technology



2 hours



Year 3 – Year 8



Onsite Only



Social and Community

Flight! (NEW)

Is it a bird? Is it a plane? The Te Manawa Flight! programme encourages students to consider the various elements of flight and how things work. From paper planes to rockets, students will explore flight with a series of practical activities.

Curriculum Links: The Arts | Science | Technology



1.5 Hours



Year 1 – Year 6



Multi-location

Floating and Sinking

Learners will investigate the question “What makes things float or sink?” through a number of hands-on activities in our own Water Room.

Curriculum Links: English | Science



1 hour



ECE – Year 1



Onsite Only

Flooding and Erosion

Follow Te Awa O Manawatū from its source all the way to the ocean and learn how the river has shaped our land. In our custom-built Water Room learners will experience the effects of flooding and erosion first hand by playing our popular Erosion game.

Curriculum Links: Science | Education for Sustainability



1.5 hours



Year 1 – Year 10



Onsite Only



Social and Community

Fluvial process and the Manawatū Gorge

Looking at the formation of the Manawatū Gorge and other fluvial processes, learners will explore how the river has carved out the topography of the Manawatū.

Curriculum Links: Science | Geography | Education for Sustainability



1 hour



Year 7 – Year 13



Onsite Only



Social and Community

Fossils, Rocks and Soils

Through activities and discussions, learners will explore core concepts such as fossil formation, rock types, the rock cycle and soil formation.

Curriculum Links: Science | English



1.5 hours



Year 4 – Year 13



Onsite Only



Social and Community

Go Robot! Go!

With our Blue Bot and Edison robot friends, your learners will explore key concepts behind robotics through a series of simple challenges.

Curriculum Links: Technology

-  1.5 to 2 hours
-  Year 2 – Year 8
-  Multi-location
-  Manufacturing and Technology

K'Nex

With a number of challenges and many K'Nex pieces learners will explore key construction and technology concepts.

Curriculum Links: Technology | English | Mathematics & Statistics | The Arts

-  1.5 to 2 hours
-  Year 3 – Year 13
-  Onsite Only
-  Manufacturing and Technology

Liquids in Action

Learners will explore a range of liquid-based reactions. Using their scientific skills, students will gain an understanding of the movement of liquids and the effects of outside influences.

Curriculum Links: Science | Technology | Mathematics

-  1.5 hours
-  Year 3 – Year 8
-  Multi-location
-  Social and Community

Perfect Little Planet

In the movie *Perfect Little Planet* a family from another star system is looking for an ideal place to holiday. Join them and see the solar system from a distinctly different point of view in the Yorb Cosmodome.

Curriculum Links: Science | Social Sciences

-  1 hour
-  Year 3 – Year 10
-  Multi-location
-  Social and Community

Science of Wind

Explore the concepts of wind with a number of mini activities and experiments. Learners will enhance their knowledge of the force of wind.

Curriculum Links: Science | Technology | Social Science

-  2 hours
-  Year 1 – Year 8
-  Onsite Only
-  Social and Community

The Secret Life of Plants (NEW)

Students become scientists and create their own take-home Science Kits based on experimental plant physiology. Taking time to consider interacting systems and the process of investigations, The Secret Life of Plants provides a practical programme to explore key science concepts.

Curriculum Links: The Arts | Science | Technology

-  1.5 hours
-  Year 3 – Year 10
-  Onsite Only
-  Social and Community

Starlab/Matariki

Inside the Yorb Cosmodome, learners are guided through the night sky discovering stars, constellations and the many stories illustrated in the sky. This programme complements learning around Matariki.

Curriculum Links: The Arts | Culture | Science

-  45 min to 1 hour
-  Year 1 – Year 13
-  Multi-location
-  Social and Community

Where do Puddles Go?

Through a range of interactive activities, learners will explore the water cycle including the special characteristics of water, ice and steam and how they affected Earth and our lives.

Curriculum Links: Science | English

-  1.5 to 2 hours
-  Year 1 – Year 8
-  Onsite Only
-  Manufacturing and Technology

Te Manawa has a number of loan kits, designed to support your learners in the classroom. Each kit comes with a variety of activities linking to curriculum and provides practical activities.

K'Nex

Our K'Nex sets are loved by all ages. These kits let you run challenges and activities designed to enhance problem-solving and teamwork. They complement both Mathematics and Technology curricula as well as developing core competencies.

MiniBeasts

With a number of hands-on activities included, MiniBeasts Loan Kit teaches learners all about creepy crawlies. Used in conjunction with your own resources such as microscopes, this kit up-scales the small things for an exciting experience exploring the living world.

Human Skeleton

Meet our friend George, the full-sized human skeleton! George helps you deliver content relating to science, and allows learners to explore bones and how we can look after them.

NZ Birds (including the Brown Kiwi)

Our NZ Birds Loan kits help learners discover more about our native birds. From diverse adaptations to environmental impacts, the NZ Bird kit supports Science delivery with unique resources.

1950s

Examine technology from the 1950s in the classroom. This "strange" kit includes an eclectic mix of items from dress-ups to paper dolls and even conkers. Learners will love the interactive activities and exploring technology of old.

Human Evolution – Skulls

Your learners will explore evolution concepts supported by replica skulls and other supporting material. Skulls includes *Paranthropus boisei*, *Australopithecus*, *Homo sapiens sapiens* (cro-magnon), *Homo sapiens sapiens* (modern human), and *Pan troglodytes* (chimpanzee).

Bookings and Information

Bookings are from Monday to Friday, and may be dispatched, collected or returned at the weekend. To book a loan kit contact us on:

Phone: 06 355 5000 (Programme Support Officer)

Email: bookings@temanawa.co.nz

And be sure to include Loan Kit Name, preferred loan dates, and transport options (courier or collect).

Note: The Human Skeleton kit contains one large box 1150mm long, 450mm wide and 560mm deep.

All Loan kits are charged at a weekly rate:

- **Human Evolution - Skulls** \$60.00 plus GST per week
- **All other kits** \$35.00 plus GST per week

Important Notes: These charges do not include transport. However, you can select pick up or courier options.

The outward cost for couriers will be added to the invoice. Schools are required to organise return couriers.

Invoices will be generated upon the return of the kit. Any late return will be charged a minimum of an additional one week's rental.

Please return the kits promptly as another school may be waiting for them. It is expected that during loan periods the kits will receive a bit of wear and tear, please note that additional costs for unreasonable damages or loss will be on-charged.

As part of hiring a Loan Kit from Te Manawa, we would appreciate it if you could complete an evaluation form upon return of the kit.

As part of the wider Learning programme review, we are also looking to add new Kits to the rotation, including a focus on ECE and secondary school curricula. If you have any suggestions or upgrades to existing offers please let us know. Your feedback is valued and supports us in moving forward with new and innovative concepts and options.

Gateway

Te Manawa is home to a wide and ever-changing collection of roles and career opportunities. To help senior students cement their career thinking, Te Manawa is pleased to offer Gateway placements for 2020.

The Te Manawa Visitor Experience Team is the first point of contact for the wide range of visitors and guests to the Museum. We currently have spaces available for the 2020 year supporting the Visitor Hosts with their day to day tasks and responsibilities. This role is varied and includes greeting and helping our visitors, supporting the set up and pack down of activities, events and venue hire.

This gateway opportunity is suitable for students looking at the Service Industries Vocational Pathway, in particular customer service, travel and tourism and events.

If you are interested in putting a student forward for Gateway 2020, please contact the Visitor Experience Manager on 06 355 5000.

Planning Your Visit

We want you to have the best experience possible, so we have a range of options to support you and your learners during your visit with us.

Where to find us?

Te Manawa is located between the Globe Theatre and the Palmerston North Conference Centre at 326 Main Street, Palmerston North. Finding our main entrance can be a bit tricky though so look for the giant Te Manawa letters to lead the way.

Opening hours

Monday – Sunday **10:00 AM – 5:00 PM**

Closed **Christmas Day, Boxing Day, Good Friday and New Year's Day**

Late Open **Anzac Day 1:00 PM**

Admission

General admission to the Museum and Art Gallery is free. Admission charges may apply to some exhibitions and programmes. These will be discussed and confirmed with you prior to your visit.

Parking

- Pay and display public car parks are located on Main Street and directly in front of the main entrance (by the Te Manawa letters).
- A bus drop off zone is also located in front of the main entrance.
- Bus and car parking is available between Animates and the Child Youth and Family building on Church Street, or alternatively on Pitt Street next to the Globe Theatre.
- Free time-limited car parking is available within a short walking distance, on a first-come first-serve basis. Please note this area is strictly monitored by Parking Wardens.

Booking self-led visits

Te Manawa welcomes all groups to enjoy the museum at any time; however it does help to manage health and safety and general visitor numbers if we know about these in advance. Contact us on bookings@temanawa.co.nz or 06 355 5000. In some cases we may be able to advise you on the best day/time to visit or organise some self-directed activities for you while you are here. When you arrive simply come to the main reception desk and our Visitor Hosts will be able to answer any questions you may have.

“Lots of fun, and interactive”

Teacher voice

Interested in an educator-led programme?

To get the best dates and times to suit your learners it pays to book early, and it is super easy! Simply contact us via bookings@temanawa.co.nz or 06 355 5000 to book today.

Here are a few guidelines to help us organise the best experience possible:

1. If you have an idea of what you need your programme to include, but don't see it in our list of options, simply let us know. We will get back to you as soon as possible with the options available.
2. We will send you out a pre-visit questionnaire. This will let us match our resources to your learners and provide the most relevant experience possible.
3. Be sure to let us know maximum student numbers, along with any special requirements your learners may have. This allows us to prepare the best ratio and resourcing to suit your group.
4. Is the learning opportunity designed to complement work back at school or is it a "just for fun" experience? Let us know either way and we will work to ensure your learning outcomes are met.
5. We can also arrange spaces for your learners to enjoy their lunch. We have both designated eating spaces and open public spaces (weather dependent) depending on your needs. These may be available during your visit so just let us know what you would like (please note: no food or drink is permitted in exhibition areas).

Timing and arrival

- It is important to keep to booking times and venues as early or late arrival will affect the quality of your visit and potentially impact on other bookings.
- When you arrive head to the reception desk in the main Museum Building. You will be greeted by an educator who will settle you and your learners in and provide the necessary Health and Safety information.

Pricing

Our pricing structure is dependent on a number of factors including external contracts, exhibition inclusion and visitor requirements. Below you will find a brief overview of our 2019 rates. If you have any concerns or would like to discuss the pricing options for your activity please contact us on bookings@temanawa.co.nz. Pricing is dependent on the number and age of students in addition to the number of programmes booked.

Rates below are exclusive of GST.

Type	30 Minutes and Under	One Programme	Two Programmes
ECE	Nil	\$5.00 per child \$50.00 min \$250.00 max	\$9.00 per child \$90.00 min \$420.00 max
Primary (NE to Year 8)	Nil	\$6.00 per student \$75.00 min \$250.00 max	\$10.00 per student \$150.00 min \$420.00 max
Secondary	Nil	\$6.00 per student \$75.00 min \$250.00 max	\$10.00 per student \$150.00 min \$420.00 max

Your Whānau

Te Manawa is an open space where we encourage everyone to come, experience, and share their knowledge.

We are expanding the range of learning opportunities for whānau. In the meantime check out these activities. Unless otherwise indicated, activities are free.

Discovery Time

Head down to Te Manawa on the weekend and enjoy Discovery Time, each week a different activity from art, science, history or technology.

Museum In A Box

Can't come to us? Then perhaps Museum In A Box is the next best thing. With a range of topics, we come to you and explore the artefacts the box holds.

NOA

Te Manawa's award winning NOA studio lets everyone try their hand and get creative. With facilitated open sessions every week, NOA empowers you to explore and create.

New Zealand Rugby Museum

Located within Te Manawa at the New Zealand Rugby Museum you can view and experience the history and heritage of New Zealand rugby. (Entry fees apply).

Semi-Permanent Exhibitions

We also house a number of semi-permanent exhibitions within Te Manawa. Our well known exhibitions, Te Awa, Te Rangi Whenua, Manawatū Journeys and Kids TM offer insight into history and ideas in an interactive way. From our caravan to the Water Room there is plenty to see and do every day of the week.

Do you want to see Te Manawa offer a particular programme? Contact us on 06 355 5000.

For Kaiako

At Te Manawa, we want to support teachers as well.

As part of the Te Manawa Learning packages we are bringing more opportunities for teachers in 2020 too. So we want to know: what would you like to see or experience at Te Manawa as a teacher? Contact our Curiosity Experience Manager on 06 355 5000 to explore and discuss ideas or activities that would support you.

Keep an eye out for more information on opportunities for teachers including:

Professional Development –

In conjunction with our partners, we are looking to host and create some Professional Development opportunities right here at Te Manawa. Options for 2020 include 3D Printer Technology, Science Delivery, and embedding career discussions early. Let us know what PD would be useful for you today.

Custom Tours – Want to see a specific exhibition, or find out more about Te Manawa in general? Our Custom Tours can help. A member of our Learning Team will work with you to plan a tour of Te Manawa focusing on what you want to see, and how we can support you in the future.

Experience A Programme – A new initiative in 2020, we will run a series of mini programmes, just as we would for learners, but just for teachers. This event will give you a first-hand view of what a Te Manawa programme feels like from the students' perspectives.



Stay in touch

- Phone:** 06 355 5000
- Email:** bookings@temanawa.co.nz
- Website:** www.temanawa.co.nz
- Facebook:** @temanawa.nz
- Location:** 326 Main Street, Palmerston North
- Postal Address:** Private Bag 11055,
Palmerston North 4442

We would also like to acknowledge the organisations that help us provide our learnings offers.





PREPARED BY TE MANAWA MUSEUMS TRUST 2019

MUSEUM OF ART, SCIENCE AND HERITAGE    TEMANAWA.NZ | 0800-4-A-MUSEUM

Information correct at time of printing. Programme content may be subject to change.

For more information about Learning at Te Manawa, visit www.temanawa.co.nz