



Online Conference

Monday 28 September | 10am-3pm

Tēnā koutou. Nau mai whakatau mai ki tēnei wānanga ipurangi o Raranga Matihiko. E koa ana mōtou ki te pōhiri i a koutou ki tēnei wānanga whakanui o te mahi o te kāhui o Raranga Matihiko. Ahakoa he tino poto i te wānanga nei, ko te tūmanako, he pounamu mō koutou.

This free online conference aims to support digital technology integration in the class and school. It draws on examples of three years of working with schools and kura in our regions and the amazing projects they undertook. Along with the webinars, resources will be shared.

The conference is brought to you by the Raranga Matihiko team comprising of facilitators from Te Papa Tongarewa, Waitangi Treaty Grounds, Waikato Museum and MTG Hawke's Bay.

How to take part in the conference.

You can attend the full conference or just one or two sessions. There are two options to select from in most time frames. You do not need to register individually for these, rather you can click on the link on page 2 of the programme to enter the conference room. If you have any questions, please contact our co-ordinator Helena at rarangamatihiko@tepapa.govt.nz





Raranga Matihiko Conference programme

Quick overview

- 10am Conference Opening and Karakia - [Connect on Zoom](#)
Pauline Cleaver the Deputy Secretary of Pathways and Progress, Ministry of Education
- 10:15 Option 1: Introduction to the revised technology learning area - [Connect on Zoom](#)
Option 2: Using local curriculum and project-based learning - [Connect on Zoom](#)
- 11:00 Option 1: Easier than 3D printing: Create your own VR - [Connect on Zoom](#)
Option 2: Unplugged computational thinking activities for the classroom – [Connect on Zoom](#)
- 11:30 Teaching New Zealand History - Where do I start? - [Connect on Zoom](#)
- 12:00-12:30 Lunch
- 12:30 Option 1: Flipped classroom & integration of digital tools for remote learning - [Connect on Zoom](#)
Option 2: 3D Objects and Digital Design: SculptGL - [Connect on Zoom](#)
- 1:00 Option 1: Engaging students with learning - from a distance - [Connect on Zoom](#)
Option 2: Integrating DT learning into your local curriculum - [Connect on Zoom](#)
- 1:45 Option 1: 10 Useful Digital Tools: Authentic opportunities for designing and creating with digital technology - [Connect on Zoom](#)
Option 2: Visual thinking - [Connect on Zoom](#)
- 2:30 Panel discussion with the Raranga Matihiko team. Ask us your questions + conference closing
[Connect on Zoom](#)
- 3:00 Conference concludes





Conference programme in detail

Introduction to the revised technology learning area – Tara Fagan and Monika Kern

10:15 am - 11:00 | 45 minutes duration | [Connect on Zoom](#)

Join Tara from Te Papa Tongarewa and Monika from Waitangi Treaty Grounds, to look at the revised technology learning area and progress outcomes. Tara and Monika will share examples of digital technologies curriculum integration as well as their Decoded for Learners which puts the progress outcomes into learner-friendly language.

Using local curriculum and project-based learning - Alisha Spekking and Sam Hēnare

10:15 - 10:45 | 30 minutes duration | [Connect on Zoom](#)

Alisha and Sam, both from Te Papa Tongarewa, will outline digital technology learning through the lens of local curriculum and project-based learning. They will share examples to showcase how digital technologies can be integrated through the curriculum.

Easier than 3D printing: Create your own VR - Donald James

11:00 - 11:30 | 30 minutes duration | [Connect on Zoom](#)

Donald from Te Papa Tongarewa will showcase how to use two free, online, digital tools for creating and sharing 3D designs; Tinkercad and Sketchfab. You will be walked through the process of easily creating your own virtual reality model to be shared with your students or colleagues.

Extra for Experts: Bring your own Google Cardboard if you have one for bonus content.

Unplugged computational thinking activities for the classroom- 'Unplugged in Action' - Isobel Heke, Elaine Baldwin and Jennifer Hamilton

11:00 - 11:30 | 30 minutes duration | [Connect on Zoom](#)

Isobel, Elaine and Jennifer from Waikato Museum will showcase unplugged computational activities that can be integrated into classrooms.



Teaching New Zealand History - Where do I start? - Caitlin Timmer-Arends and Monika Kern

11:30 -12:00 | 30 minutes duration | [Connect on Zoom](#)

Caitlin, Curatorial Manager from Waitangi Treaty Grounds and Monika Kern, Education Manager at the Treaty Grounds, have a conversation about Aotearoa New Zealand history and how *you* don't need to be 'the expert'. See how your local museum can support you and your students.

12:00 - LUNCH BREAK

Flipped classroom and the integration of digital tools for remote learning - Sarah Knight

12:30 - 1:00 | 30 minutes duration | [Connect on Zoom](#)

Sarah from MTG Hawke's Bay will show you how to flip your classroom and ways to create instructional videos that you use to support your students' learning. Sarah will be drawing on a range of free online tools including Screencastify, Pixabay, Royalty-free image search via Google settings and Windows 10 video editor.

3D Objects and Digital Design: SculptGL - Kerry Leaf

12:30 - 1:00 | 30 minutes duration | [Connect on Zoom](#)

Kerry from the Waitangi Treaty Grounds will show you how 3D design can enhance your class programme. Using the free online Sculpt GL tool, Kerry will have your class designing in 3D and sharing examples of how this can be used in classroom practice.

Engaging students with learning - from a distance - Imogen Rider

1:00 - 1:45 | 45 minutes duration | [Connect on Zoom](#)

Imogen from the Waitangi Treaty Grounds will share an example of a Virtual Experience they have created in response to COVID-19. Teachers can use this as a model to engage their students when learning from a distance.





Integrating DT learning into your local curriculum - Monika Kern and Tara Fagan

1:00 - 1:45 | 45 minutes duration | [Connect on Zoom](#)

In this session, Monika from the Waitangi Treaty Grounds and Tara from Te Papa Tongarewa, will focus on school-wide integration of digital technologies into local curriculum. While designed for leaders, it is suitable for anyone interested in embedding the revised technology learning area into the curriculum.

10 Useful Digital Tools: Authentic opportunities for designing and creating with digital technology - Kristina Lane

1:45 - 2:30 | 45 minutes duration | [Connect on Zoom](#)

Kristina Lane, Waitangi Treaty Grounds, will outline 10 digital tools to support teaching and learning with an emphasis on how these tools can be integrated into the curriculum.

Visual thinking - Laura Jones

1:45 - 2:30 | 45 minutes duration | [Connect on Zoom](#)

Join Laura from Te Papa Tongarewa as she outlines how visual thinking strategies can foster collaborative, inclusive, community-building dialogue in your classroom. This session will introduce the topic and is suitable for everyone.

Panel Discussion | Ask us your questions + conference closing and Karakia

2:30 - 3:00 | 30 minutes duration | [Connect on Zoom](#)

Join the full Raranga Matihiko, Waitangi Treaty Grounds and Te Papa Tongarewa teams on this panel discussion. Bring your questions and ask the team.

Conference closing and karakia.

