

He Ao Hou - *New Futures* Murihiku

Green Energy and imagining a *New Future* for Murihiku/Southland

School-based community benefit programme

He Ao Hou - New Futures Murihiku is a STEAM programme focused on **green energy**, designed for:

Kaiako/Teachers

Professional development and learning opportunities for teachers across primary and secondary schools. **Monday 22 May**
Build skills, resources and confidence in teaching STEAM, particularly relating to **green energy**.

Ākonga/Students

Excite programme to facilitate future vision thinking; delivered in partnership with Regional Ministry of Education staff, Otago University and GNS Science.



What does my future look like and what do I want?
What is green energy? How will I be living when I'm older?
What will the environment be like in the future?
What role will technology have in my work, my life and my play?
What will buildings be like in the future?

Excite programme

Moving to a Green Energy future – what will it look like? Get your school involved in 2023!

Don't miss out on this opportunity – your school will get:

- Hydrogen Kits (from *Horizon Educational*) for each school
- \$500 to support your participation in this programme, used at your discretion
- One day PD wānanga in Term 2 - **See reverse for agenda and sponsors**
- Guidance to build green energy technology into your curriculum (primary to secondary), including lesson and curriculum planning resource



At the end of the programme, each school will build its vision of the future. We will create a digital event to celebrate this imagining - including a website that serves as a portal to our future.

To find out more and get your school involved – contact:

Ivan Hodgetts

Kaitohu Mātāmua – Te Tāhuhu o te Mātauranga
Principal Advisor – Secondary Transitions - Ministry of Education

Kaiarahi Hōtaka Matua – Murihiku Regeneration,
Programme Lead, Te Ara Aukati Kore (Pathways Without Barriers)
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Date: Monday 22 May 2023
Time: 9.00-4.00pm
Venue: Transport World, Invercargill

Agenda

<i>Arrival, registration and coffee</i>	8.30-9.00
<i>Welcome</i>	9.00-9.15
Opening Remarks: Opening Remarks Government Representative (TBC)	9.15-9.35
Session One: Te Ara Aukati Kore (pathways without barriers) Ivan Hodgetts: The purpose of Murihiku Regeneration and the role of STEAM education in our capability strategy	9.35-9.55
Session Two: Green Energy and a Decarbonised Economy? Robert Holt (Callaghan Innovation): The technology already exists, <i>but</i> how practical is it?	9:55-10.40
<i>Morning tea</i>	10.40-11.10
Session Three: STEAM Education and Classroom Engagement Associate Prof Viv Anderson (Otago University): Building hope and purpose, strategies for including all students	11.10-11.55
Session Four: A Te Ao Māori Perspective on STEAM Dr Hana O'Regan (CEO Core Education): Why STEAM pathways for Māori matter to us all and how embracing mātauranga Māori will enrich your school	11.55-12.40
<i>Lunch</i>	12.40-1.10
Session Four: Curriculum Refresh – A STEAM Lens Speaker (Loretta Schmidt: MOE Curriculum Advisor) and Rachell Chisnall (NCEA Implementation Facilitator, MOE)	1.10-1.40
Session Five: Curriculum Integration – The Practicalities Review of provided curriculum resources and programme planning, sharing ideas for integration 5a Primary: Lorraine Dallas (MOE Curriculum Advisor) and Dr Steven Sexton (Otago University) 5b Secondary: Rachel Chisnall (NCEA Implementation Facilitator, MOE) and Linda Dalzell (NCEA Co-ordinator Literacy)	1.40-3.00
Session Six: Where to from here? Feedback and thoughts? Support for the Ākonga Excite programme and 'Tech-Week' opportunity	3.00 - 3.30
<i>Closing</i>	3.30 - 3.45