

The Pepeha Project

Karakia

Tuí, Tuí, Tuí, Tuía

Tuía i runga

Tuía i raro

Tuía i roto

Tuía i waho

Tuía te muka tangata

Kía rongo te ao

Kía rongo te pō

Tuí, tuí, tuía.



Programme

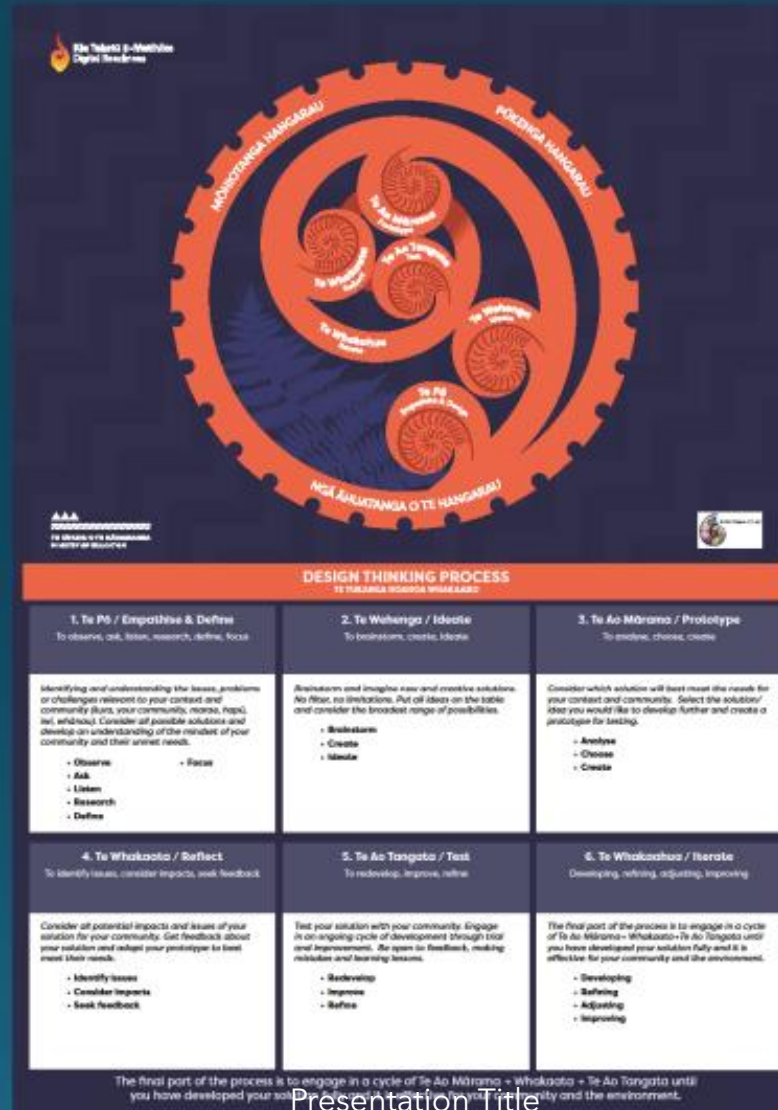
Acknowledgements
Pepeha
Gelli-plate printing
Circuits

Te Tukanga Hoahoa Whakaaro

Te Ao Māori design thinking process from a Maori Worldview

<https://www.youtube.com/watch?v=JScjuv3rgnA>

7 minutes – it has a digital technologies perspective but is relevant to all Technology and is being used in the NCEA L1 pilot schools to help understand Māori worldview design thinking practice

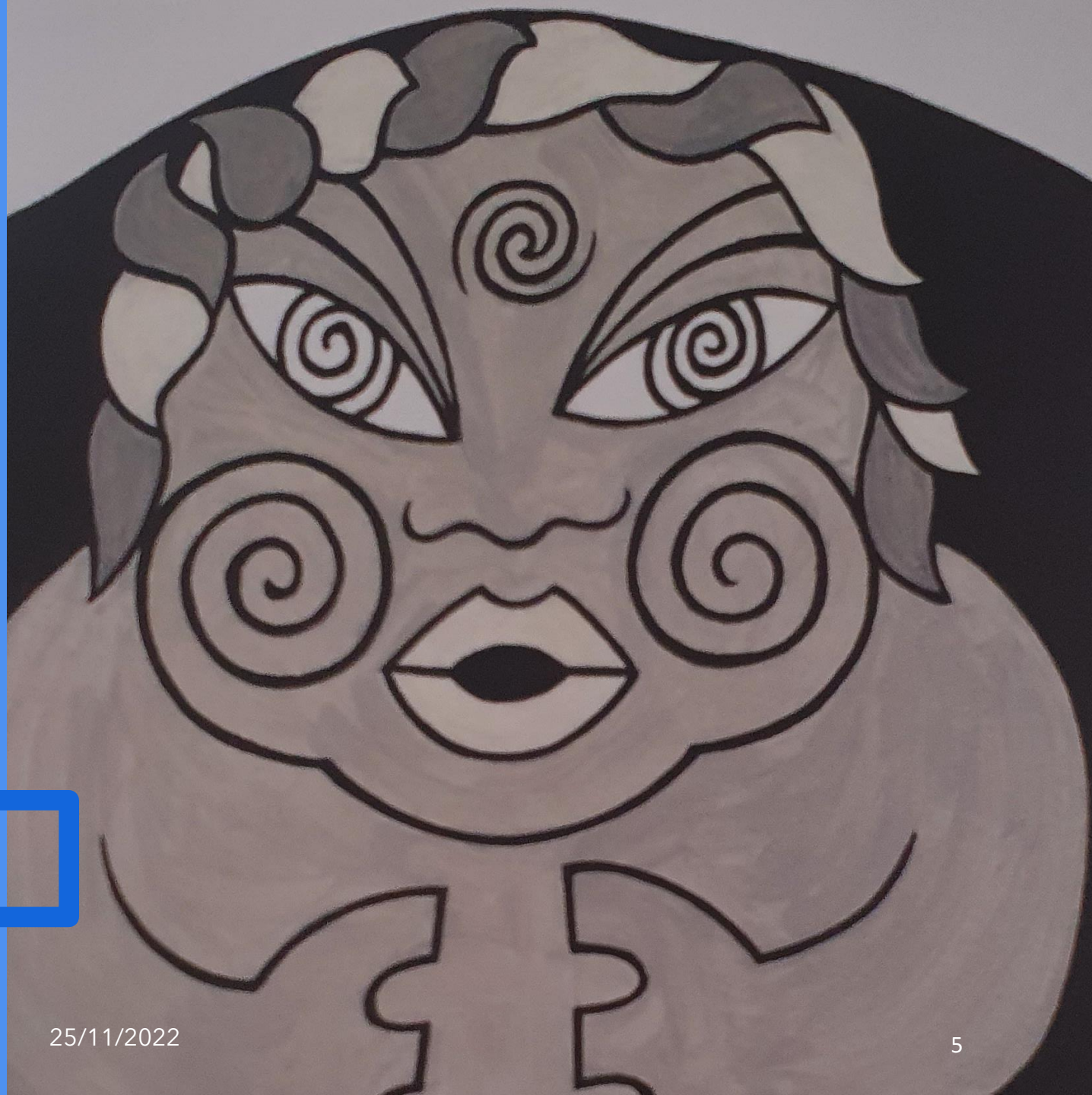


Watch the 18 minute facebook video to listen to the Māori creation story to understand the ideas behind Te Tukanga Hoahoa Whakaaro

https://www.facebook.com/watch/live/?ref=watch_permalink&v=2874729419413460

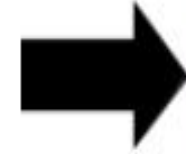
– Janelle Riki-Waaka

I Te Tīmatanga



Getting started

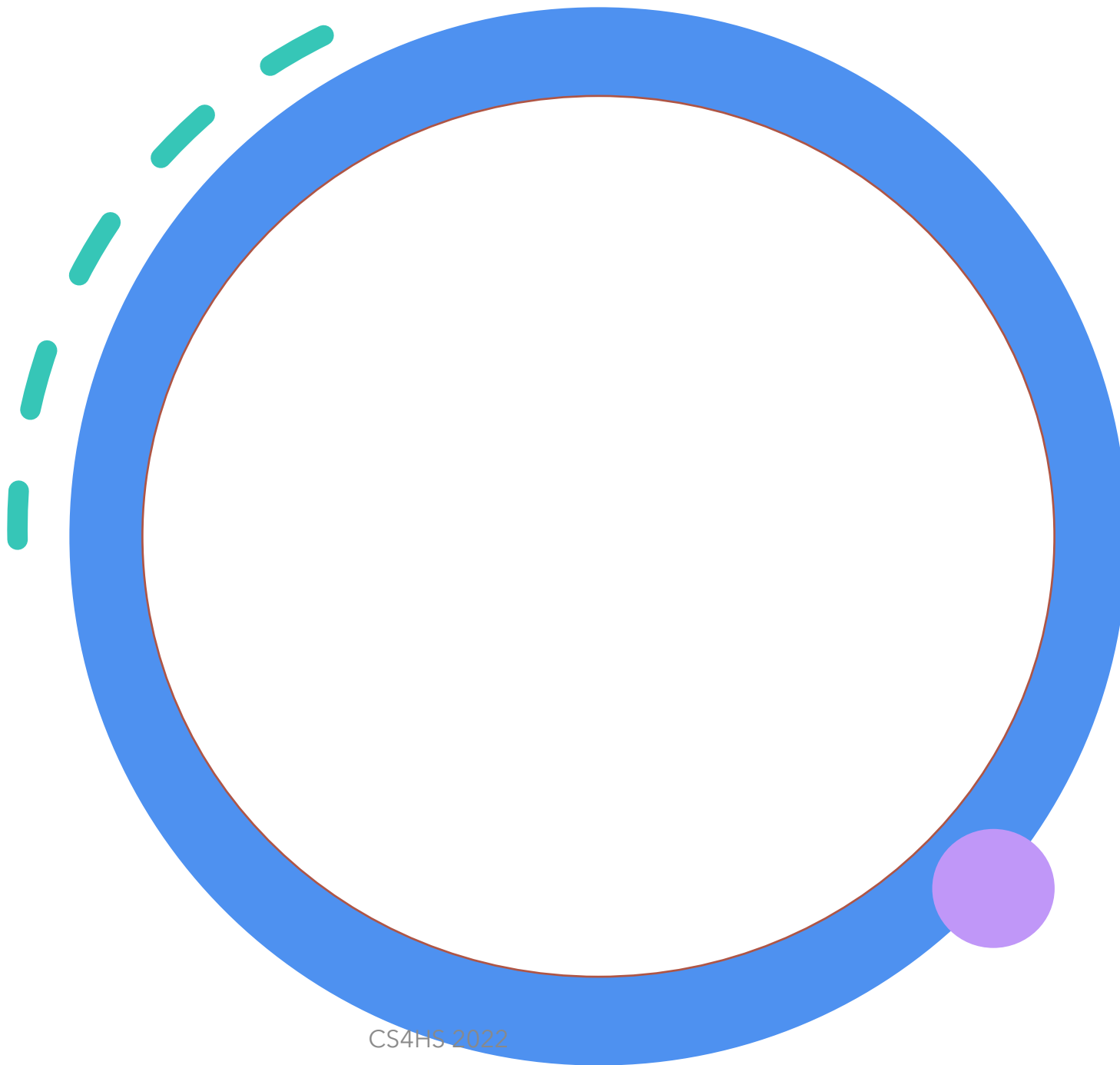
Choose 1 large sheet and 1 A6 sheet
in different colours



**Cut around
the circle you
drew.**

Take your wooden
hoop
draw around it
on the larger sheet
of coloured paper

**Cut out the
centre of
your circle**



Cut and share

- Take the centre(cut out) piece of your circle and cut it in 2.
- Take your other (rectangular/A6) piece of paper and cut it in 2.
- Swop with other people so that you have 4 different coloured pieces of paper.



The pepeha

Starts with the maunga/mountain
because the land is older than we are

Water flows. The sea flows onto the land

The rivers flow to the sea. Water
connects us all

The plant represents you and your
whanau

It is rooted in the land.



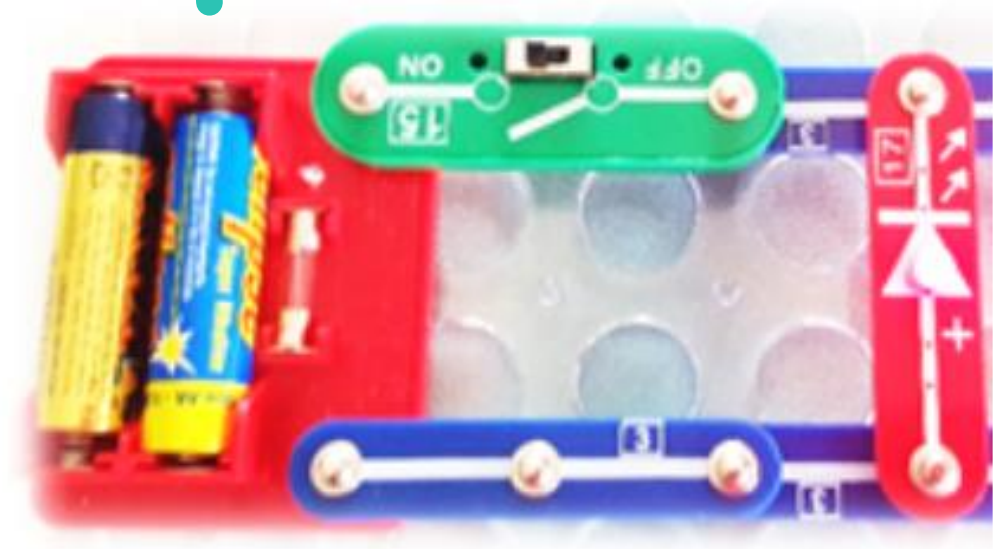


The way to get started
is to quit talking and
begin doing.

Walt Disney

Circuits

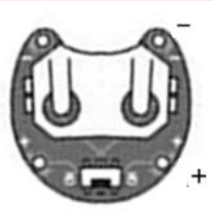


- Modelling the circuit helps us to decide what to do
- It helps to identify components
- And how they fit together
- Explore!

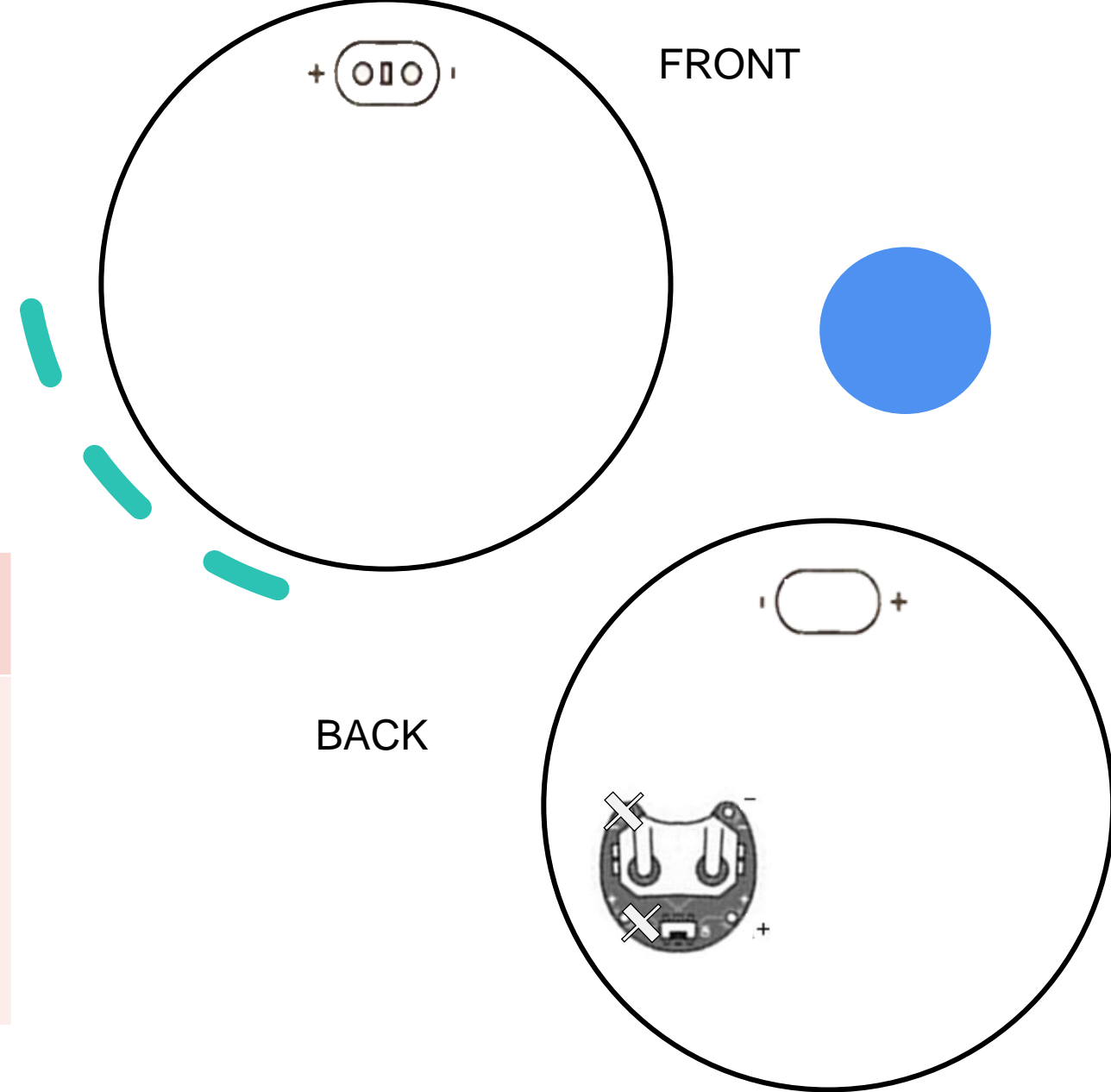


Wiring diagram

A wiring diagram shows how the components will actually be stitched together. This time we use the images of the components to help lay them out in the correct places for your circuit to work.

It can be a little bit confusing because the battery (with its switch) have to go on the BACK of the embroidery and the LED has to go on the FRONT.

Battery	Conductive thread	Holding stitch	Lily-pad style LED
	-----	This only connects the battery holder to the fabric to keep it in place 	



Putting it all together



Student 1



Student 2



Student 3



Student 4

Karakia

Ka whakairia te tapu

Kia wātea aī te ara

Kia tūruki whakataha aī

Kia tūruki whakataha aī

Hui ē! Tāiki ē!



Thank you

Pippa Lawlor

Email address: mintednz@gmail.com

Website: <https://www.minted.nz/>

MoE Accredited facilitator ACC#609