Episode Overview

In this episode we look at how we can be kaitiaki (guardians) of people and what this means for the past, present and the future. We consider how the memories of our whānau, including our ancestors, can be protected and shared with future generations. We visit Te Rau Aroha on the Waitangi Treaty Grounds and look at how we can record memories using an ipu maumahara/memory jar, and a digital animation. This episode is designed for students working at levels 1-3 of the NZ curriculum.

Resources to Support Whānau with Learning from Home

Digital technology is now a compulsory part of the New Zealand Curriculum that can be woven across other learning areas to create authentic future focused learning.

This resource will support you and your child to extend their learning with links to support materials for our digital tools and unplugged activities, further research and print resources that you can use at home.

Unplugged Activity – Create an ipu maumahara/whakanuia (memory jar)
Using paper, card, craft supplies, a container and fairy lights create a memory jar to store memories that are precious so that they are preserved for the future. Our instructions for making a memory jar.

Digital Tool Tips and Tricks - Make a Scratch project to retell a personal memory
Scratch.com is a free programming language where you can use block coding to code your own interactive stories. Watch our introductory video: Introducing Scratch or Ko Scratch Tēnei
Episode 3 shows how you can use Scratch to animate a memory that is special to you so that it is preserved for the future.

Curriculum Links for Teachers

Technology Progress Outcomes	Computational Thinking PO2: In authentic contexts and taking account of end-users, students give, follow, and debug simple algorithms in computerised and non-computerised contexts. They use these algorithms to create simple programs involving outputs and sequencing (putting instructions one after the other) in age-appropriate programming environments.
NZC Learning Areas	Social Sciences - Identity, Culture, and Organisation – Students learn about society and communities and how they function. They also learn about the diverse cultures and identities of people within those communities and about the effects of these on the participation of groups and individuals.
Learning Intentions	Understand the role of kaitiaki that people hold to save and share important memories and information. Use block coding to give, follow and debug a simple program.
Success Criteria - *Students will be able to*	Explain why saving memories is important. Describe a person who is important to their own community. Complete an algorithm to share a memory in Scratch. Debug an algorithm to ensure it works correctly.

Ngā Hononga ki te Marautanga

Te Aho Hangarau Matihiko	**Whakaaro Rorohiko (Whakatupuranga 1):** Ko te whakaaro hātepe - Ka wetewetea tētahi tūmahi rorohiko-kore ki ētahi tohutohu tika, tohutohu mārama, me kī, kia māmā ngā tohutohu (whakaaro hātepe). Ka taea te tuku tohutohu, ka tautohu mēnā kei te hē, ā, ka whakatika ai (te patuiro).
Te Marautanga Wahanga Ako 1	**Tikanga ā Iwi:** Te Whakaritenga Pāpori me te Ahurea - Ka whakawhanake mōhiotanga te ākonga ki ngā take me ngā huarahi e whakarite ai te tangata i a ia anō ki te whakatutuki i ōna matea; ngā motika, ngā tūranga me ngā haepapa o te tangata i a ia e pāhekoheko ana i waenga rōpū; te hononga o te ahurea ki te tuakiri o te tangata me ngā putanga iho o te pāhekohekotanga ahurea.
Ngā Whainga Ako	E taea te whakamarama he aha te whai tikanga o ngā pūrākau me ngā kōrero tuku iho, ō tēna iwi, ō tēna iwi.
Ngā Putanga Ako	Whakamarama he aha te tikanga o te tūāhua ō ngā tangata me tōna tiketike i roto i tōna iwi.

Learning Links and Reading Lists for Whānau and Teachers

Extension Activities
DT/HM Unplugged Activity: Tukutuku Coding Grid

Research Links
Te Rau Aroha Museum, Waitangi
Online Cenotaph Records, Auckland War Memorial Museum
Harding Waipuke Leaf, 28 Māori Battalion
Te Papa Tongarewa Museum of New Zealand

Print Resources
Our instructions for making a memory jar

Literacy Resources

Journal series:	Kahu Ora (Junior Journal 47, Level 2, 2013)
	In Memory: First World War Memorials (Level 2 August 2018)
	Te Hokowhitu-a-Tū: The Māori Pioneer Battalion (Level 3 June 2014)
Ready to Read series:	Dawn Parade
	A Quilt for Kiri
	A Gift for Aunty Ngā (Sequel to A Quilt for Kiri)
Connected series:	Step By Step: Amazing Algorithms (Level 2 2018)

Raranga Matihiko tv
weaving museum taonga and digital learning together