

See back cover for an English  
translation of this cover

2

91733MR



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD  
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

## Te Mātauranga mō te Toitūtanga, Kaupae 2, 2022

91733M Te whakaatu māramatanga ki ngā kaupapa e hāpai  
ana i te anamata e aro ana ki te toitūtanga

Ngā whiwhinga: E whā

### TE PUKAPUKA RAUEMI

Tirohia tēnei pukapuka hei whakaoti i ngā tūmahi mō Te Mātauranga mō te Toitūtanga 91733M.

Tirohia kia kitea ai e tika ana te raupapatanga o ngā whārangi 2–11 kei roto i tēnei pukapuka, ka mutu, kāore tētahi o aua whārangi i te takoto kau.

**E ĀHEI ANA TŌ PUPURI KI TĒNEI PUKAPUKA HEI TE MUTUNGA O TE WHAKAMĀTAUTAU.**

**TE RAUEMI A: Te kaupapa hangarewa – Te Kaupapa Pākete Kotakota Rīwai Aotearoa**

Ko te tautuhinga o te hangarewa, ko te mahi hangarua hei waihanga i tētahi mea e nui ake ana te

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He 'pēke piwhi' kua hangaia i ngā pākete kotakota rīwai kua hangaruatia

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whakamutunga.

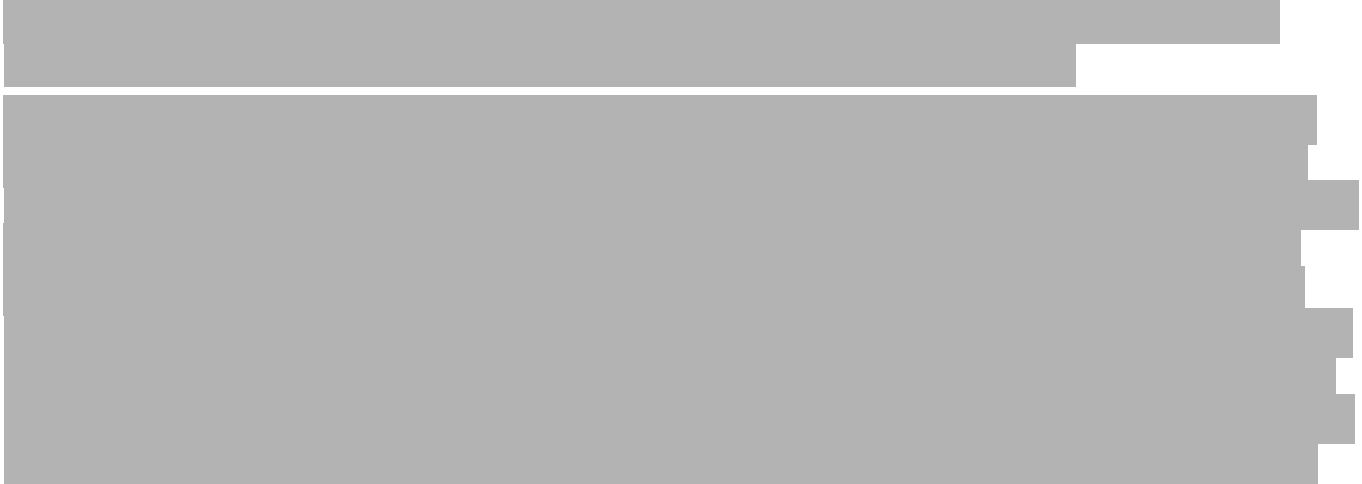
**Te raru o ngā pākete kotakota rīwai**

Kei te nui ngā pēke raukonu hei whāngai i te kaupapa a CPPNZ. I te tau 2015, \$157 miriona i pau

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**RESOURCE A: Upcycling initiative – Chip Packet Project NZ**

Upcycling can be defined as recycling to create an object of greater value from a discarded object



A 'bivvy bag' made from recycled chip packets



team creates the finished product.

**The chip packet problem**

There is a ready supply of foil bags to supply the CPPNZ initiative, with New Zealanders



tātou i tana taenga atu ki ngā ruapara.

### **Ngā haumitanga hei whakamāmā i te tuakoka**

E noho haumi ana a CPPNZ ki a Lifewise me Housing First kia tae pai atu ai ngā paraikete whakaora

me te mōhio pū ka au te moe a te tamaiti.”

He pouaka paraikete whakaora kua rite hei kawē ki te hunga e tika ana

### **Te tuakoka o te tamaiti**

Kāore i tino rerekē ngā tatauranga mō te tuakoka o ngā tamariki mō te tau i pau ai i a Hune 2021. Arā,

porihanga atawhai”.

[Redacted]

[Redacted]

upcycled as CPPNZ blankets, it is essential to prevent it from going to landfill.

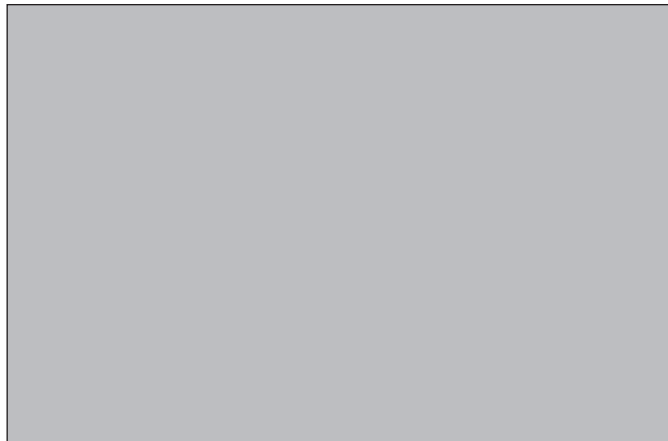
**Partnerships to alleviate poverty**

CPPNZ has partnered with Lifewise and Housing First to make sure the survival blankets get

[Redacted]

[Redacted]

heartache away from a parent, and make sure kids can get a good night’s sleep.”



A box of survival blankets packed and ready to be delivered to those in need

**Child poverty**

Child poverty statistics for the year ending June 2021 were relatively unchanged, placing

[Redacted]

[Redacted]

were “plainly unacceptable in a civilised community”.

## TE RAUEMI B: Te kaupapa mahi wairākau – ko Poraha Kikorangi

### Poraha Kikorangi

Ka tau ana tētahi rau i te rākau ki te papa o te ngahere, ka pōpopo, ka huri hei matū pararopi

para tipu.

### Te mahinga māra taineke-koiora

He arawātea i roto i te mahinga māra taineke-koiora ki te mahi tahi ki te ao tūroa, tē tohe kē ai

i te huhua noa o ngā tikanga tuauri o ia rā.”

### Te mahi wairākau me te toitūtanga

Kei ngā pae o te ao, o te rohe, o te kotahi hoki ngā hua o te mahi wairākau. Ko te hua tāpua

## **RESOURCE B: Composting initiative – Blue Borage**

### **Blue Borage**

When a leaf falls from a tree onto the forest floor, it turns into a rich organic material called

[REDACTED]

[REDACTED]

[REDACTED]

initiative also includes hot composting, worm farming, and fully circular green-waste management.

### **Biodynamic gardening**

Biodynamic gardening presents an opportunity to work with nature rather than against nature.

[REDACTED]

[REDACTED]

[REDACTED]

of ancestral practices in our daily lives.”

### **Composting and sustainability**

The benefits of composting exist on global, local, and individual scales. The most significant

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pararopi i ia tau. Heoi anō, ki te kore e haere pērā atu, kua tae kē ki te ruapara.



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otherwise end up in landfill.

**He mihi**

He mea whakahāngai ngā kai o ngā mātāpuna e whai ake nei hei whakamahinga i tēnei pukapuka:

**Te Rauemi A**

<https://www.stuff.co.nz/environment/300534676/making-a-difference-how-recycled-chip-packets-are-helping-aucklands-vulnerable> (He mea tiki i te 07/03/22)

<https://www.merriam-webster.com/dictionary/upcycle> (He mea tiki i te 04/02/22)

<https://wickedleeks.riverford.co.uk/features/recycling-inequality-packaging/crisp-packet-revolution> (He mea tiki i te 17/12/21)

'Craft crisps' driving Kiwis to consume \$150 million a year in potato chips | [Stuff.co.nz](https://www.stuff.co.nz) (He mea tiki i te 19/12/21)

A buried crisp packet from 20 years ago, sheds light on the rate our everyday items decompose | [Eastern Daily Press \(edp24.co.uk\)](https://www.eastern-daily-press.co.uk) (He mea tiki i te 20/12/21)

Child poverty declines, but Māori, Pacific poverty rates 'profoundly disturbing' | [Stuff.co.nz](https://www.stuff.co.nz) (He mea tiki i te 21/12/21)

<https://www.stats.govt.nz/information-releases/child-poverty-statistics-year-ended-june-2021> (He mea tiki i te 02/4/22)

**Te Rauemi B**

<https://sustainability.yale.edu/explainers/yale-experts-explain-compost> (He mea tiki i te 12/01/22)

<https://www.blueborage.co.nz/> (He mea tiki i te 06/01/22)

<https://www.homestyle.co.nz/blue-borage-compost-coach/> (He mea tiki i te 02/04/22)

<https://www.stuff.co.nz/life-style/homed/sustainable-living/122649503/free-range-mori-runs-a-zerowaste-household-to-connect-her-sons-with-tikanga> (He mea tiki i te 10/01/22)

<https://www.sanjoseca.gov/home/showpublisheddocument?id=198> (He mea tiki i te 11/01/22)

<https://niwa.co.nz/atmosphere/faq/what-are-global-warming-potentials-and-co2-equivalent-emissions>

## Acknowledgements

Material from the following sources has been adapted for use in this booklet:

### Resource A

<https://www.stuff.co.nz/environment/300534676/making-a-difference-how-recycled-chip-packets-are-helping-aucklands-vulnerable> (Retrieved 07/03/22)

<https://www.merriam-webster.com/dictionary/upcycle> (Retrieved 04/02/22)

<https://wickedleeks.riverford.co.uk/features/recycling-inequality-packaging/crisp-packet-revolution> (Retrieved 17/12/21)

'Craft crisps' driving Kiwis to consume \$150 million a year in potato chips | Stuff.co.nz (Retrieved 19/12/21)

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Child poverty declines, but Māori, Pacific poverty rates 'profoundly disturbing' | Stuff.co.nz (Retrieved 21/12/21)

<https://www.stats.govt.nz/information-releases/child-poverty-statistics-year-ended-june-2021> (Retrieved 02/4/22)

### Resource B

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## **Level 2 Education for Sustainability 2022**

**91733M Demonstrate understanding of initiatives that contribute to a sustainable future**

Credits: Four

**RESOURCE BOOKLET**

Refer to this booklet to answer the questions for Education for Sustainability 91733M.

Check that this booklet has pages 2–11 in the correct order and that none of these pages is blank.

**YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.**