

91733R



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

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

## Level 2 Education for Sustainability 2022

### 91733 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 91733.

Check that this booklet has pages 2–6 in the correct order and that none of these pages is blank.

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

## 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

[Redacted]

[Redacted]



A 'bivvy bag' made from recycled chip packets

[Redacted]

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

[Redacted]

[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”.

## **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]

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

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

otherwise end up in landfill.

## 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)

A buried crisp packet from 20 years ago, sheds light on the rate our everyday items decompose | Eastern Daily Press (edp24.co.uk) (Retrieved 20/12/21)

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

<https://sustainability.yale.edu/explainers/yale-experts-explain-compost> (Retrieved 12/01/22)

<https://www.blueborage.co.nz/> (Retrieved 06/01/22)

<https://www.homestyle.co.nz/blue-borage-compost-coach/> (Retrieved 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> (Retrieved 10/01/22)

<https://www.sanjoseca.gov/home/showpublisheddocument?id=198> (Retrieved 11/01/22)

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



