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91733



917330



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

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

SUPERVISOR'S USE ONLY

Tick this box if you
have NOT written
in this booklet

Level 2 Education for Sustainability 2022

91733 Demonstrate understanding of initiatives that contribute to a sustainable future

Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of initiatives that contribute to a sustainable future.	Demonstrate in-depth understanding of initiatives that contribute to a sustainable future.	Demonstrate comprehensive understanding of initiatives that contribute to a sustainable future.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should attempt BOTH parts of the task in this booklet.

Pull out Resource Booklet 91733R from the centre of this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–8 in the correct order and that none of these pages is blank.

Do not write in any cross-hatched area (✂). This area may be cut off when the booklet is marked.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

Merit

TOTAL

05

ASSESSOR'S USE ONLY

Plan your answers in the box below. Your planning will not be marked.

PLANNING

Resource Booklet 91733R contains resources describing initiatives by small and large organisations that promote sustainable practices and outcomes:

- **Resource A** – Upcycling initiative: Chip Packet Project NZ
- **Resource B** – Composting initiative: Blue Borage.

Refer to BOTH resources in response to the following task.

TASK

- (a) (i) Explain the importance of initiatives focused on striving for a sustainable future. Refer to TWO of the four aspects of sustainability (environmental, social, cultural, economic).

Aspect 1: Social

The chip packet project is where old chip bags are fused together to create survival blankets for the homeless. This is an important initiative because these people would rather spend money on food and water rather than warmth. This initiative allows them to be warm in the cold days and nights. Doing this, it also keeps foil out of our landfills which will lower the amount of rubbish being added to the landfills. The CPP is reliant on ~~total~~ volunteers to start collecting chip packet packets so they can be fused together. This will achieve a ~~sustainable future~~ for ~~socially~~ socially sustainable future.

Aspect 2: Environmental

Blue borage is a business initiative that helps people improve their gardens using ~~biodynamic~~ biodynamic methods. This initiative will ~~have~~ have an environmentally sustainable future because they are creating a way for more products to be disposed of ~~sustain~~ in a sustainable way. This is important because heaps of products that can decomposed naturally have been put to landfill where toxic gasses can be released from them. Blue borage is trying to stop that from happening.

- (ii) Evaluate how effectively the two initiatives described in Resources A and B have achieved, or are likely to achieve, their purpose and therefore contribute to a sustainable future. In your answer, refer to the Māori concepts of kaitiakitanga and/or manaakitanga.

Initiative 1 (Resource A): The chip packet initiative has been running for just over a year and are already achieving in both their aims. They continue to create survival blankets while reducing the impact on the landfills. In the future, the initiative could expand to source other ~~single~~ single use plastics such as straws which will lower the impact on landfills even more. This all relates to a sustainable future because they can provide more people with warmth and also reduce the impact on the environment. They are likely to achieve beyond what they thought and could spread ~~spread~~ ~~throughout~~ throughout the country to have a larger impact on people. This relates to both kaitiakitanga and manaakitanga because they are taking guardianship and they are caring for the people.

Initiative 2 (Resource B): Blue borages composting initiative is likely to achieve because they have found better ways to dispose of our organic waste. Food waste ends up typically in the landfills. However Blue borage has proved that it should be composted because these foods are able to decompose quickly and naturally rather than sitting in a landfill for numerous years. This initiative will result in a sustainable future because they are able to dispose of food waste in a sustainable way resulting in less waste at landfills. This relates to the Māori concept of kaitiakitanga because they are taking guardianship of our natural environment.

- (b) Evaluate how ONE of these initiatives could apply to **another** sustainable future-based context or issue drawn from your own studies. The context could include themes similar to those provided in the resource material.

The chip packet project initiatives could apply to a beach clean up, because ~~they~~ ~~it~~ they can result in an environmentally sustainable future. For instance, ~~people~~ several people ~~had~~ head to a beach and start collecting the rubbish from it. This way they have many items of rubbish and they have cleaned up an area where many people choose to spend their time. This relates to the maori concept of kaitiakitanga because they are taking guardianship of the natural environment. With all the rubbish they have collected, they can then fuse them together to create other items such as clothes, bedding and even toys. They can then hand out these items to the people that need them the most. This relates to the maori concept of ~~manaakitanga~~ manaakitanga because they are caring for others around them. These initiatives ~~can~~ help this idea immensely because not only are they providing for the ones who need it most, but they are taking their time to clean up areas that people spend heaps of time at. This all relates in both a socially ~~sustainable~~ sustainable future and an environmentally sustainable future.

Merit Exemplar 2022

Subject	Education for Sustainability	Standard	91733	Total score	05
Q	Grade score	Annotation			
1	M5	<p>The candidate has demonstrated in-depth understanding of initiatives that contribute to a sustainable future.</p> <p>Informed conclusions have been provided, supported by evidence and examples. For Excellence, more comprehensive conclusions were needed, with evidence of using material from previous study.</p>			