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91733



917330

Draw a cross through the box (X) if you have NOT written in this booklet

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Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Level 2 Education for Sustainability 2024

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 ALL 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 the margins (// // // //). This area will be cut off when the booklet is marked.

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

Excellence

TOTAL 07

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

PLANNING

upper 70 to plate
 - fast track it
 more consens of the land
 the plant & workshop
 to cars on community
 also decreasing

can improve → product
 profit
 people
 environment

with 100% support natural
 heavy farming
 can not produce and any

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

- **Resource A:** Pā to Plate initiative
- **Resource B:** LeaderBrand Produce and Woolworths (formally Countdown) regenerative farming initiative

Refer to BOTH resources in response to the task that begins on page 4.

You may choose to use the following aspects of sustainability in your answers:

Environmental – this aspect acknowledges the need to enhance and maintain the biophysical systems that sustain all life on Earth. It includes the structure and function of natural ecosystems and the interactions between them and people, and calls for guardianship/kaitiakitanga of our environment.

Social – this aspect acknowledges the need for equity within and between generations, and within and between ethnic and social groups. It includes people's mental and physical well-being and the cohesion of their communities, based on a fair distribution of resources.

Cultural – this aspect acknowledges the need to nourish and share attitudes and values that represent diverse worldviews, and the political need for all people to express their views freely and to participate in decision-making. Addressing these needs can build resilience for the future.

Economic – this aspect acknowledges the interactions of humans with the natural environment in using resources to create goods and services that add value to their lives. It acknowledges that resource use and waste disposal must occur within the capacity of our planet. It encourages a fair trading system that equitably distributes benefits and costs. It further encourages innovation and creativity in developments that lead to a sustainable future.

TASK

- (a) (i) Explain the importance of sustainability initiatives in the 21st century for a sustainable future. Refer to TWO of the four aspects of sustainability (environmental, social, cultural, economic).

cultural

Aspect 1: In resource A, pāto plate initiative is very understanding of māori culture. Their methods of selling foods and then "returning" food scraps created regenerative cycle. Improves the environment around them and not only just what happens after the food is sold is sustainable but also the production as farmers use traditional māori methods to improve the soil and fertilizers. These actions and methods show a lot of cultural sustainability as through their methods which ~~they have taken from ancestors who once used~~ these methods are deeply rooted in māori history as māori are known for their communities and respect for the earth and ~~humans~~ ^{others} (kaitianga and manaakitanga). By still using those same methods decades later it shows just how sustainable and important it is to have an environmentally friendly technique as it can last decades into the future ~~and still having the same effects~~ ^{positive effects}.

It and production of money.

Aspect 2:

~~Woolworths~~ Regenerative agriculture is ~~helping~~ tackling three ~~aspects~~ of sustainability, environmental, social, and economic. as said by

Woolworths "...to investigate the impacts of regenerative farming practices ...

particularly in relation to productivity, profitability, people, and the environment."

many large companies such as Woolworths use chemical fertilizers and other harmful to the environment methods to increase growth in plants. But Woolworths alternative option which is more in favour of protecting the environment by using healthier less damaging methods is protecting the state of the earth right now, and by not using such harmful methods, the effects it'll have on the earth is more minimal making it more environmentally sustainable and by association socially and economic too

as a damaging method, while produces products quick can negatively affect the environment resulting in less healthier plants ruining its long term sustainability and production.

X for more natural production of produce leads to a sustainable future of healthy foods and tight communities.

- (ii) How do the intended outcomes of the two initiatives described in the resource booklet contribute to a sustainable future?

In your answer, refer to the Māori concepts of kaitiakitanga and/or manaakitanga.

Initiative 1 (Resource A):

pā to plate supports a very natural approach to farming, using both Māori traditional methods to provide for communities. They aim to provide "sustenance, foster connections with ancestral lands and preserve Māori cultural heritage." This goal is a obvious and clear indication of their ideas of manaakitanga. They care very deeply for their communities and its history, wanting to provide the best for the people and their health. This mindset and main goal is a very good base for a sustainable future, their actions of cycling their process where everything is done naturally like how they use organic matters as fertilizers, using scraps for compost, protects the environment from harsh chemicals, respecting the land as well as those (kaitiakitanga) as well as those eating the produce. Practicing these Māori traditions and pushing X

Initiative 2 (Resource B): They are wanting to test regenerative ^{practices.} ~~outcomes~~

- These practices are meant to supply more nutrients for soil and healthier crops. Healthy crops are vital for human growth and survival, and ~~that is~~ so by implementing these more sustainable methods they are showing both kaitiakitanga and manaakitanga. They are conscious of the negative affects harming the earth through mass production of produce done by large companies and in response to that they are researching and practicing other ways that won't be so damaging to the earth, respecting and protecting the environment (kaitiakitanga) and providing healthy food for the people, growing it as natural as they can for the best benefits for the people showing manaakitanga. By continuing this action, that regenerative agriculture they are pushing a long lasting, and healthy sustainable method of growing produce. - protecting the earth, improving foods health as well as the people.

- (b) (i) Compare and contrast one of the initiatives in the resource booklet with another initiative that shares the same aspect(s) of sustainability. This could be drawn from your own studies, or you may use both of the initiatives in the resource booklet.

x kaitiakitanga
by their In your answer, refer to the Māori concepts of kaitiakitanga and/or manaakitanga.

Write the names of both initiatives in the box below:

One initiative from Resource Booklet 91733R: ~~healthy~~ ^{cultural} natural production

Initiative from your own studies OR the other initiative from Resource Booklet 91733R:

A.C natural production + natural production dairy Earthjustice.

The two are quite similar from the resource booklet. Both have the aims for a more healthier way of farming and production of fresh foods. Both showing^x deep care for environmental sustainability and growth of healthy plants. The difference between the two are Pā to plate are using using "age-old techniques" ~~are from~~ from maori culture and regenerative agriculture are using more newer and technology and knowledge to "push boundaries of traditional vegetable growing practices" Despite these differences, they are both pushing for and focuses on "the promotion of agriculture" and "enhancing the health of the soil, ecosystems, and surrounding environment". For Their strive for more environmentally friendly approach to farming and care for production and customers reminds me of Earthjustice, a group of people fighting for many different needs, the research I did on them was on dairy production. They were fighting for cows to be cared for more properly, allowing the milk production to occur more naturally and that chemical fertilizers were not used on the grass, and reducing the excessive production of CO₂ leading to ^{several} ~~many~~ different pollutions. The common theme between them all despite their different reasons and methods are that they all care and prioritise the environmental sustainability. Because they all know that mass producing a product that is vital for society ~~the~~

- (ii) Discuss which of the two initiatives you selected on page 6 is, or has the potential to be, more successful in achieving its intended outcome.

While they all have great potential to do many great a positive things. I believe that because regenerative agriculture has the ability to have more faster and more popular/known affect since large companies like such as Woolworths is supplying the researchers with money. Pā to plate and earth justice have strong communities that support themselves in what they do and believe them but regenerative agriculture has the companies that fund for researchers and workers to quicken the process of finding good methods. and since they will be supplying for companies, the new practice will be more popular due to them companies due to its ability to mass produce healthy produce.

Extra space if required.
Write the question number(s) if applicable.

QUESTION
NUMBER

b (i) to continue on, their methods have to be sustainable. or any new improvements can become futile when temperatures, nutrients, water, and soil are damaged, changing, and or destroyed because of their harsh methods of production. ~~They all~~ They're all showing both maori concepts of kaitianga and manakitanga for pushing for these more sustainable methods that improve the environments sustainability but also ~~society~~ societies.

91733

Excellence

Subject: Education for Sustainability

Standard: 91733

Total score: 07

Task	Grade score	Marker commentary
One	E7	<p>The candidate comprehensively discussed both similarities and differences between the two initiatives provided in the resource booklet, as well as linking one of the similarities to one of their own case studies. Māori concepts of kaitiakitanga and manaakitanga were integrated into the discussion, and examples were used to support ideas.</p> <p>The conflict between economic and environmental sustainability was acknowledged in the discussion of wider implications of each initiative, and when drawing conclusions about which initiative is likely to contribute most to a sustainable future.</p>