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SUPERVISOR'S USE ONLY

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90814



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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

90814 Demonstrate understanding of aspects of sustainability in different contexts

Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of aspects of sustainability in different contexts.	Demonstrate in-depth understanding of aspects of sustainability in different contexts.	Demonstrate comprehensive understanding of aspects of sustainability in different contexts.

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 90814R 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.

Achievement

TOTAL 04

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

PLANNING

Manam kitanga -
kaitia kitanga

Resource Booklet 90814R contains resources about sustainability issues in three different contexts:

- **Context 1:** Cobalt mining
- **Context 2:** Outdoor air pollution
- **Context 3:** The tipping points of climate change – deforestation

Read all the information in the resource booklet before you answer the task.

TASK

- (a) What are the likely effects on a sustainable future regarding the contexts provided in the resource booklet?

In your answer, refer to:

- at least two of the contexts provided in the resource booklet
- at least two of the four aspects of sustainability (environmental, social, cultural, economic), for each selected context
- the Māori concepts of manaakitanga and kaitiakitanga.

~~Some~~
~~Within the given material, there are a few contexts~~
~~that have not all come to~~

Likely effects of continued practices found in the given contexts such as the severe degradation of the environment in the Democratic Republic of Congo due to cobalt mining and the massive deforestation of the Amazon rainforest are actively taking away from a more sustainable future. For example, the Māori belief of kaitiakitanga means a guardianship of the natural world or environment, when compared to the current events going on in the DRC it is almost a complete opposite to a guardianship, as they are actively poisoning the land, water and air that they breathe for profit with little to no thought about current or future generations. This also ties into the Māori concept of manaakitanga.

-or a protection or responsibility for our people or society. workers are being severely underpaid and people are being forced to move from their homes so new mines can be constructed. Again, this is a absolute opposite to the belief of manaakitanga as there is no protection or responsibility for any less vulnerable peoples. this obviously ties into the social aspect of sustainability as does earlier to environmentally. Again however, we can look at the current events going on in the amazon rainforest, where due to climate change, the rainforest now is receiving so much less rain that around 40% could become a savanna rather than a closed canopy rainforest. one of the leading causes of the rainforests shrinkage is the financial incentive of real-estate, where the price of land can increase tenfold if the rainforest is cleared. this is terrible for an ~~eco~~ environmental aspect as we are cutting down more trees which leads to more climate change, as the amazon and other rainforests contain an estimated 123 billion tons of carbon to help stabilize both local and global climate. there is also a social factor too, as local farmers are displaced for larger industries unfairly. All together, these kinds of practices must end for our planet and people to have a sustainable future as they are deeply harmful.

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The assessment continues on the following page.**

(b) How might the relationships between the aspects of sustainability you identified in (a) contribute to sustainability in the future?

In your answer, you could also consider:

- the wider implications of these relationships
- potential changes in local and/or international practices that would promote sustainability.

Use evidence from your own studies and/or the contexts provided.

In section A, I frequently highlighted the relationship between financial gain and destroying the environment. This is not surprising to me but I think that this link is the single most harmful threat we are facing sustainability-wise. The wider implications of this link is that people will continue to destroy the environment for as long as they can keep making money. One fix to this that I believe could work is making massive fines to corporations whenever they have a full financial year in which they are not at least carbon neutral. This would help stop emissions for large corporations but still be relatively harmless to small business owners.

Achievement

Subject: Education for Sustainability

Standard: 90814

Total score: 04

Task	Grade score	Marker commentary
One	A4	The candidate has demonstrated understanding of aspects of sustainability within two contexts, providing sufficient evidence to meet A4 requirements by including two aspects of sustainability in relation to the two contexts in their explanation. A full examination of the aspects in relation to the chosen contexts is evident.