

No part of the candidate's evidence in this exemplar material may be presented in an external assessment for the purpose of gaining an NZQA qualification or award.

2

90814



908140



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

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 2–12 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.

Achievement

TOTAL

04

ASSESSOR'S USE ONLY

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

PLANNING

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

- **Resource A** – Water: A New Zealand public health issue
- **Resource B** – Zoning and climate change
- **Resource C** – Flood disaster risk and food security.

Read all the information in the resource booklet, then choose at least TWO of the contexts listed above to answer part (a) of the task. Enter your chosen contexts in the box below.

Contexts: Resource A: Water: A New Zealand public health issue
Resource C: Flood disaster risk and food security

TASK

- (a) Using the four aspects of sustainability (environmental, social, cultural, economic), explain how the practices presented in the resources may, or may not, contribute to a sustainable future.

In your answer, refer to:

- at least TWO of the four aspects of sustainability, using TWO of your selected contexts
- the Māori concepts of manaakitanga and kaitiakitanga.

In Resource A, it is clear that the lack of clean water both globally and in New Zealand have intolerable effects on humans. The results that the lack of clean water has on humans ~~is~~ is not contributing to a sustainable future involving social sustainability at all. The ^{high} statistics of sickness and impacts with the lack of access to clean water are unfathomable in order to contribute to a sustainable future. ~~The action of fixing, upgrading and maintaining~~ The resource states that one million people die each year due to the results of the lack of clean water, which is not socially sustainable nor contributes to a sustainable future. The action of fixing, ~~up-~~ upgrading and maintaining NZ's water services will contribute to a sustainable future but the cost of it will not \$185 billion to complete this is not economically sustainable at all due to ^{the} price but it does need to be done. However, it will save households money so the result of it can be economically sustainable for these households.

In order for us to have potable water, each New Zealander must act in the way of Kaitiakitanga to take guardianship over our water and our environment. We must also involve Manaakitanga to be careful with the water we use and be kind and grateful for it as we can see through this resource millions of people have inaccessibility ~~of~~ to clean water.

In Resource C, it is clear that the impacts of floods and food security ~~and do~~ are unsustainable and do not contribute to a sustainable future. Due to the frequency of floods and their impacts and how they will continue to increase in the future, this in no way can contribute to a sustainable future or be environmentally sustainable. The decrease in food availability due to floods, results in an increase of food prices in supermarkets by 2.8% which is both environmentally and economically unsustainable. Impacts of Climate change create inability to produce food like stated in the resource and is not environmentally sustainable or contributing to a sustainable future. With the decrease of food access, it turns socially unsustainable as ^{lower socio-economic} households turn to cheaper alternatives which are unhealthy. The increase of floods create higher impacts of damage, causing economical unsustainability due to the costs to repair the damage. \$500,000 to remove gravel and silt caused by heavy rainfall is both economical and environmental unsustainable and does not contribute to a sustainable future due to the impacts of climate change. There is also lack in Kaitiakitanga due to the lack of protection and guardianship of providing resilience and solutions to prevent the impacts of Climate change in New Zealand.

For a comprehensive answer, you should consider the wider implications of these interrelationships, using evidence from your own studies.

Achievement Exemplar 2022

Subject	Education for Sustainability		Standard	90814	Total score	04
Q	Grade score	Annotation				
1	A4	<p>The candidate provided an explanation of how the practices presented in Resources A and C contribute to a sustainable future. The social, environmental, and economic aspects of sustainability were referenced within the context of Resources A and C. The candidate utilised some relevant supporting material, but there was little independent analysis. The response contained paraphrased source material, and the candidate has demonstrated a cursory understanding of this. The candidate also utilised the Māori concepts of kaitiakitanga and manaakitanga in the explanation.</p> <p>Part (b) was not attempted, and the response to part (a) did not contain sufficient depth of evidence to achieve a higher grade.</p>				