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NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

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Level 2 Education for Sustainability, 2018

90814 Demonstrate understanding of aspects of sustainability in different contexts

2.00 p.m. Monday 26 November 2018
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 2–7 in the correct order and that none of these pages is blank.

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

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

- Resource A – Wildfoods Festival
- Resource B – Coast to Coast
- Resource C – Iron Māori

Read all the information in the resource booklet carefully, 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: Wildfoods festival
Resource B: Coast to Coast

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 aspects of sustainability within two of the contexts provided in the resource
- the Māori concepts of manaakitanga and kaitiakitanga.

The environmental aspect of the Strong Model of sustainability is presented in Resource A, as the practices stated don't contribute to a sustainable future. "Robbi Sh has littered the town centre" Resource A shows that the aftermath from the festivals results in pollution of the land which puts the natural and cultural land and habitat of animals, and people in jeopardy. This disregards the Māori concepts of manaakitanga and kaitiakitanga which means to have guardianship, protection of the environment and to care for the environment and people. These concepts aren't being considered as polluting the natural and cultural environment isn't showing any care for it, ~~refer to the people~~ ~~and the people~~ and the people aren't taking on their responsibility to play a part in preserving the natural environment.

- (b) Explain how the interrelationships between the aspects of sustainability evident within the resources may, or may not, contribute to a sustainable future.

In your answer, you may consider the wider implications of these interrelationships, using evidence from your previous studies.

The relationship between the environmental aspect and economical aspect in both Resources would be contrasting, as by caring for the sustainability of the environment ~~and~~ the resources seem to state that the economical sustainability could be jeopardized. In Resource A, if the environmental aspect was most important, the event would be ^{of} a negative impact on the environment, so wouldn't continue as the practices from food production etc result in carbon emissions, litter etc. Vice versa because if economical sustainability was prioritised, people wouldn't be caring for / ~~acting~~ acting as a guardian of the environment (manaakitanga and kaitiakitanga) as the festivals continuance ~~also~~ attracts tourists, makes \$2 million for the economy. ~~the environment would be harmed~~ The environment would continually, and increasingly be harmed. This is relevant to Resource B as well, as if one aspect is prioritised, the other is jeopardised. Prioritising the economical aspect of sustainability over the environmental sustainability allows me to ~~think~~ think of the wider world implications of this. In our world, there are so many practices and industries that count towards a thriving economy, such as ^{commercial shops, businesses etc.} many factories and industries etc leading to so much waste production, carbon emissions, pollution which is in no manner regarding kaitiakitanga and manaakitanga for the natural, and cultural,

world around us. Prioritising economical sustainability isn't sustainable in itself, as the strong Model of sustainability has environmental sustainability as the outer shell, the most important. Without the environment being sustained, ~~then~~ there is no way the socio-cultural nor the economic aspects can be sustained either. A wider implication of economic sustainability ~~is~~ affecting the environment's sustainability is seen with the island of Kiribati, which is being greatly affected by climate change. Kiribati Island is located in the Pacific Ocean, and the island's highest point is only elevated two meters above sea level. With all the carbon emissions and pollution produced by big neighbouring countries, ~~the~~ NZ for example, who have factories, industries that contribute to climate change, the effects are already ~~is~~ very visible on Kiribati, who are "the ^{on} frontline of Climate Change". The rising sea levels means ~~that~~ that most of Kiribati's islands are going to underwater in the next 50 years, and by a 100 years, the island is going to be extinct. Kiribati's location in the Pacific makes it so vulnerable to natural disasters which are only getting worse from climate change. It is certain that Kiribati will end up extinct no matter the action that is being taken in the next 100 years, but it is a very real reason people need to start prioritising environmental sustainability. The threat to environmental sustainability means

Extra space if required.

Write the question number(s) if applicable.

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QUESTION
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a threat to socio-cultural and economical sustainability too, and this is ^{very} present in Kiribati too, with the ~~a~~ ~~s~~ already small economy being set back by disasters, and the culture and social wellbeing of people being threatened as residents have been forced to split and relocate to places like Fiji and NZ. This makes them in danger of losing their cultural sustainability as it becomes so scarce in other countries.

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

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* Task A CONTINUED

The environmental aspect of sustainability is presented in Resource B, "includes such activities ^{as} ~~that~~ running, mountain biking, and kayaking, and involve hundreds of competitors and spectators. Adventure racing can have an impact on conservation values, environmental resilience and wildlife disturbance." The activities stated can be unsustainable towards the environment, as people are disturbing the natural land and its ~~that~~ inhabitants as well as their habitats. Although this is unsustainable, the concepts of mānakitanga and kaitiakitanga; protecting and guarding the environment and caring for it, is ^{considered} ~~accepted~~ as competitors must "follow DoC guidelines and regulations". This ensures that people aren't allowed to litter, have to stay on tracks, and not access sensitive natural areas. This shows the competitors playing their part to care and look after the environment.

The economical aspect presented in Resource A is sustainable as the income the festival makes (\$1 million to the local economy) means it can continue thriving, and the festival is helping it to do so. One of Hokitika's main industries are tourism, which means without festivals like these the town's economy would most likely degrade, making it an unsustainable town to reside in. "festival has grown from an event attended by 1800 locals to ... 15000". "The annual festival is also an important fundraiser." The continuance of the festival means it will continue to be sustainable for the environment.

The economical aspect presented in Resource B is sustainable as the "participation has grown to 1000 competitors" and "the race began attracting vast publicity and media attention". This would bring income to the South Island as more contestants enter, and would allow the economy to thrive.

Excellence Exemplar 2018

Subject	Education for Sustainability	Standard	90814	Total score	08
Q	Grade score	Annotation			
1	E8	The candidate has demonstrated comprehensive understanding of aspects of sustainability across a range of contexts. More than one implication has been discussed, using aspects of sustainability and relevant evidence from the resource and from the candidate's own studies.			