

91922



Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Level 1 Science RAS 2023

91922 Describe features of science in the development of a scientific idea in a local context

SAMPLE ASSESSMENT

Credits: Five

Achievement	Achievement with Merit	Achievement with Excellence
Describe features of science in the development of a scientific idea in an Aotearoa New Zealand or Pacific context.	Explain features of science in the development of a scientific idea in an Aotearoa New Zealand or Pacific context.	Examine features of science in the development of a scientific idea in an Aotearoa New Zealand or Pacific context.

Check that this booklet has pages 2–7 in the correct order and that none of these pages is blank.

QUESTION ONE

This question is about how the following TWO features of science contribute to development of a scientific idea/process. Refer to the selected resource science idea/process for this question.

- Linking new evidence to existing models, theories and ideas, and
- using specific language, symbols, and conventions.

(a) Identify how **linking new evidence to existing models/theories/ideas** contributed to the development of this idea/process AND explain HOW they are significant.

(b) Identify where **using specific language, symbols, and conventions** influenced the development of this idea/process, AND explain WHY they were significant.

QUESTION TWO

This question is about how the following TWO features of science contribute to development of a scientific idea/process. Refer to the selected resource science idea/process for this question.

- Māori or indigenous Pacific knowledge, and
- responding to needs and opportunities.

(a) Identify how **Māori or indigenous Pacific knowledge** contributed to the development of this idea/process AND explain HOW it was significant.

(b) Identify where **responding to needs and opportunities** influenced the development of this idea/process AND explain WHY they were significant.

QUESTION THREE

This question is about how the following TWO features of science contribute to development of a scientific idea/process. Refer to your science idea/process for this question.

- Being tentative by nature, and
- developing and using technology.

(a) Identify how being tentative by nature contributed to the development of this idea/process AND explain HOW this was significant.

(b) Identify where **developing and using technology** influenced the development of this idea/process AND explain WHY they were significant.

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