



91922



919220



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 1 Science 2024

91922 Describe features of science that have contributed to the development of a science idea in a local context

Credits: Five

Achievement	Achievement with Merit	Achievement with Excellence
Describe features of science that have contributed to the development of a science idea in a local context.	Explain features of science that have contributed to the development of a science idea in a local context.	Examine features of science that have contributed to the development of a science idea in a local context.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

Pull out Resource Booklet 91922R from the centre of this booklet.

Choose ONE science idea from the Resource Booklet to answer ALL parts of the task in 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.

Do not write in the margins (X/X/X/X). 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.

INSTRUCTIONS

This task is made up of three parts. You must answer ALL three parts.

Choose (✓) ONE science idea from the resource booklet to complete this assessment.

☐

Science Idea One: Using long-term studies to research human development

☐

Science Idea Two: How are the oceans affected by increasing carbon dioxide in the atmosphere?

Use information in the resource booklet for your chosen science idea to answer ALL parts of the task.

PART ONE

For part one, focus on **these two** features of science:

- the development of science ideas in response to new evidence or varied perspectives, such as Māori and Pacific knowledge systems
- linking new evidence to existing models, theories, and ideas.

Using the information from your chosen science idea, discuss the following:

- (a) How does EACH feature of science mentioned above contribute to the development of the science idea?

(i) _____

(ii) _____

- (b) Why are these features of science important to the development of the science idea?

- (c) How do the two features of science work **together** to support the development of the science idea?

PART TWO

For part two, focus on **these two** features of science:

- interpreting patterns and interactions
- the influence of the development and use of technology on science.

Using the information from your chosen science idea, discuss the following:

(a) How does the interpretation of patterns and interactions add to the science idea?

(b) How does the development and use of technology add to the science idea?

(c) Why are these two features of science important to the development of the science idea?

(d) How does one feature of science **support** the other in the development of the science idea?

- the influence of the development and use of technology on science
- using specific language, symbols, and conventions.

(a) How do the use of technology and specific language, symbols, and conventions contribute to the science idea?

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

QUESTION
NUMBER

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

QUESTION
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