

This assessment is based on a now-expired version of the achievement standard and may not accurately reflect the content and practice of external assessments developed for 2025 onwards.

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92015Q



Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Level 1 Materials and Processing Technology 2024

92015 Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome

Credits: Four

ASSESSMENT TASK

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome.	Explain techniques selected for a feasible Materials and Processing Technology outcome.	Evaluate techniques selected for a feasible Materials and Processing Technology outcome.

Refer to this document to respond to the task for Materials and Processing Technology 92015.

Check that this document includes page 2.

Do not use chatbots, generative AI, or other tools that can automatically generate content.

DO NOT TAKE THESE ASSESSMENT MATERIALS OUT OF THE ASSESSMENT ROOM.

INSTRUCTIONS

Respond to the following task about how you trialled and selected techniques for the design of a feasible outcome. Support your answers with text or images. Your evidence should be presented in the form of a slideshow or visual timeline. You should aim to write no more than **1200 words in total**. If you choose to respond orally, your response should be **no longer than 4 minutes**.

ASSESSMENT TASK

- (a) Provide an image or images of your feasible outcome and briefly describe its specifications, including physical and functional attributes, the end user(s), and your product's intended environment.
- (b) Choose **TWO** of the functional attributes of your feasible outcome.
- For each functional attribute:
- describe the functional attribute you have chosen
 - describe at least two techniques trialled for the functional attribute
 - explain how you decided which of these techniques would be most suitable for the feasible outcome.
- (c) How did you use at least two different stakeholders' feedback when choosing techniques related to your feasible outcome?