

Assessment Specifications

Level 1 Digital Technologies 2024

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General information

Domain: Technology
Standards: 92006, 92007

[Digital Technologies subject page](#)

[National secondary examinations timetable](#)

Information relating to all achievement standards

For each standard candidates are encouraged to write no more than 1200 words.

Equipment required

Computer access. Internet access is not permitted.

Specific information for individual achievement standards

Standard: 92007
Domain: Technology
Title: Design a digital technologies outcome
Version: 3
Number of credits: 5
Assessment medium: Digital submission
Permitted file types: Document file (PDF)
Final date of submission: 30 October 2024

Candidates will answer prompts about:

- designing a digital technologies outcome that meets a need or opportunity
- potential users and requirements
- the design ideas they used
- the use of feedback to improve their design
- how the decisions made in the design process contributed to the design's fitness for purpose

- how the design outcome, or the process of designing the outcome, included either manaakitanga or kaitiakitanga.

Candidates will be required to provide a minimum of five images (JPG or PNG):

- one image showing their final design (if the final design has multiple pages, such as a website / brochure / app, then more than one image is recommended; a collage may be created)
- at least one image showing their design ideas
- at least one image showing examples of refining their design
- at least one image showing how feedback was used to improve their design
- at least one image of their design that they choose to use to support their description of manaakitanga or kaitiakitanga.

Conditions of assessment

Candidates are required to develop their own design for a Level 6 digital technologies outcome, in accordance with the New Zealand Curriculum. It must be an original piece of work. Candidates are not permitted to select designs from any external sources, including individuals, generative artificial intelligence, or the internet.

Candidates must complete their report in class during a period of assessment selected by the school and should not work on it outside of this time. The recommended period of assessment is 4 hours. During this time candidates are not to receive guidance, scaffolding, additional instruction, or any form of additional assistance. This applies from the commencement of the assessment session(s) until its completion.

Candidates are not permitted to view the assessment task until they begin the assessment. Candidates are not permitted to access any of the assessment material outside of the designated assessment session(s). During the assessment sessions, candidates are only to use the JPG or PNG images they have been asked to supply and the assessment prompts provided by NZQA.

Candidates are not required to submit a portfolio of work or their class work, as teachers are not able to supervise the completion of work where candidates have taken their devices home.

Schools, teachers, and candidates are not permitted to share or discuss the assessment or their assessment responses with any other schools, teachers, or candidates until after the final date for submission (30 October 2024).

The use of chatbots, generative AI, paraphrasing tools, or other tools that can automatically generate content is not permitted and material generated by these tools should not be submitted as part of the candidate's work.

Authenticity

Teachers must closely supervise the process of evidence collection to ensure that candidates:

- do not copy from another person or source without appropriate acknowledgement
- do not receive guidance, scaffolding, instruction, assistance, or assessment conditions beyond what is specified as permissible in these Assessment Specifications.

Where a teacher cannot verify that the assessment submitted is the authentic work of the candidate, they must notify NZQA of a possible Candidate Breach of External Assessment.

Special Assessment Conditions

Refer to the NZQA website for further information.

[Aromatawai Special Assessment Conditions](#)

Submission requirements

ONE document file (PDF) may be uploaded for submission.

Note that only this file type may be submitted, and that other file types may not be able to be marked.

Candidates should refer to [Further Guidance for Submission Responses](#) for further information.

Refer also to other resources on the subject page of NZQA website.

Further submission instructions and authenticity requirements will be provided for schools Term 3, Week 1.

Standard:	92006
Domain:	Technology
Title:	Demonstrate understanding of usability in human-computer interfaces
Version:	2
Number of credits:	5
Assessment timing:	Point-in-time end of year
Assessment method:	Examination
Assessment medium:	Online

Questions will be in short or extended answer format.

Resources will be provided within the examination.

For 2024, examples of usability principles will be drawn from:

- Mātāpono Māori
- Nielsen's usability heuristics
- usability concepts such as internal and external consistency, and accessibility.

Candidates will study an interface of their choice before the assessment.

Further information about digital external assessment can be found on the NZQA website.

[Digital external assessment](#)