

Achievement Standard

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|----------------------------|---------------------------------------------------|-------------------------------|------------------|
| Subject Reference | Digital Technologies and Hangarau Matihiko 2.10 | | |
| Title | Present a summary of developing a digital outcome | | |
| Level | 2 | Credits | 3 |
| | | Assessment | External |
| Subfield | Technology | | |
| Domain | Digital Technologies | | |
| Status | Registered | Status date | 29 November 2018 |
| Planned review date | 31 December 2020 | Date version published | 29 November 2018 |

This achievement standard involves presenting a summary of developing a digital outcome.

Achievement Criteria

| Achievement | Achievement with Merit | Achievement with Excellence |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> Present a summary of developing a digital outcome. | <ul style="list-style-type: none"> Present an in-depth summary of developing a digital outcome. | <ul style="list-style-type: none"> Present a comprehensive summary of developing a digital outcome. |

Explanatory Notes

- This achievement standard is derived from the Technology learning area in *The New Zealand Curriculum*, Learning Media, Ministry of Education, 2007; and is related to the material in the *Teaching and Learning Guide for Technology*, Ministry of Education at <http://seniorsecondary.tki.org.nz>.

Further information can be found at <http://www.technology.tki.org.nz/>.

Appropriate reference information is available in *Safety and Technology Education: A Guidance Manual for New Zealand Schools*, Ministry of Education at <http://technology.tki.org.nz/Technology-in-the-NZC/Safety-in-Technology-Education-revised-2017>, and the Health and Safety at Work Act 2015.

This standard is also derived from *Te Marautanga o Aotearoa*. For details of *Te Marautanga o Aotearoa* outcomes to which this standard relates, see the [Papa Whakaako](#) for the relevant learning area.

- 2 *Present a summary of developing a digital outcome* involves:
- describing the digital outcome that was developed
 - explaining decisions that were made in the development process.
- Present an in-depth summary of developing a digital outcome* involves:
- discussing how the digital outcome addressed relevant requirements and implications.
- Present a comprehensive summary of developing a digital outcome* involves:
- evaluating decisions made in the development process and discussing what could be done differently to improve the digital outcome, based on insights gained.
- 3 The *digital outcome* must have been developed by the student.
- 4 Examples of *decisions* include:
- choices of tools and techniques
 - sequencing of key tasks in the project
 - which experts to work with (when and why)
 - selection of methods to address requirements
 - selection of methods to address implications
 - selection of methods to address end-user considerations
 - which resources to use and why.
- 5 Examples of relevant *implications* include:
- social
 - cultural
 - legal
 - ethical
 - intellectual property
 - privacy
 - accessibility
 - usability
 - functionality
 - aesthetics
 - sustainability
 - future proofing
 - end-user considerations
 - health and safety.
- 6 Assessment Specifications for this achievement standard can be accessed through the Technology Resources page found at <http://www.nzqa.govt.nz/qualifications-standards/qualifications/ncea/subjects/>.
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Quality Assurance

- 1 Providers and Industry Training Organisations must have been granted consent to assess by NZQA before they can register credits from assessment against achievement standards.

- 2 Organisations with consent to assess and Industry Training Organisations assessing against achievement standards must engage with the moderation system that applies to those achievement standards.

Consent and Moderation Requirements (CMR) reference

0233