

## Achievement Standard

<b>Subject Reference</b>	Digital Technologies 3.10				
<b>Title</b>	Present a reflective analysis of developing a digital outcome				
<b>Level</b>	3	<b>Credits</b>	3	<b>Assessment</b>	External
<b>Subfield</b>	Technology				
<b>Domain</b>	Digital Technologies				
<b>Status</b>	XX	<b>Status date</b>	XX		
<b>Planned review date</b>	XX	<b>Date version published</b>	XX		

This achievement standard involves presenting a reflective analysis of developing a digital outcome.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
Present a reflective analysis of developing a digital outcome.	Present an in-depth reflective analysis of developing a digital outcome.	Present an insightful reflective analysis of developing a digital outcome.

### Explanatory Notes

- 1 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 reflective analysis of developing a digital outcome* involves:

- providing a detailed explanation of the digital outcome that was created, including its components
- linking characteristics of the outcome to decisions that were made in the development process
- comparing and contrasting the digital outcome against an identified and relevant industry example
- explaining new knowledge and skills gained in the development process.

*Present an in-depth reflective analysis of developing a digital outcome* involves:

- analysing and justifying how new knowledge, skills, and insights gained from the comparison with the industry example could be applied in the future
- analysing how decision making affected the development process of the digital outcome.

*Present an insightful reflective analysis of developing a digital outcome* involves:

- drawing conclusions about the outcome, the comparison to the industry example and the overall development process.

3 The *digital outcome* must have been developed by the student.

4 Examples of decision making include:

- selection of tools and techniques
- ways of addressing implications and end-user considerations
- influence of stakeholder feedback
- workflow management

5 Examples of insightful conclusions include:

- innovative and imaginative connections
- exploration of less obvious implications
- future predictions
- suggesting improvements
- making justified generalisations that could be applied beyond the outcome and development process

6 Examples of implications include:

- social
- cultural
- legal
- ethical
- intellectual property
- privacy
- accessibility
- usability

- functionality
- aesthetics
- sustainability and future proofing
- end user requirements
- health and safety.

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## Replacement Information

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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