Achievement Standard

Subject Reference	Digital Technologies 2.2				
Title	Apply conventions to develop a design for a digital outcome				
Level	2	**Credits**	3	**Assessment**	Internal
Subfield	Technology				
Domain	Digital Technologies				
Status	XX	**Status date**	XX		
Planned review date	XX	**Date version published**	XX		

This achievement standard involves applying conventions to develop a design for a digital outcome.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
• Apply conventions to develop a design for a digital outcome.	• Apply conventions to develop an informed design for a digital outcome.	• Apply conventions to develop a refined design for 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.

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2 *Apply conventions to develop a design for a digital outcome* involves:
- explaining the purpose and end users
- investigating relevant design conventions
- generating and modelling a range of design ideas using design conventions
- explaining relevant implications
- selecting an appropriate design for the purpose of the outcome.

Apply conventions to develop an informed design for a digital outcome involves:
- using feedback gained from modelling to improve the design
- explaining how the chosen design addresses implications, end-user considerations, and uses appropriate design conventions.

Apply conventions to develop a refined design for a digital outcome involves:
- justifying how the chosen design addresses implications, end-user considerations, and uses appropriate design conventions.

3 Examples of relevant implications include:
- social
- cultural
- legal
- ethical
- intellectual property
- privacy
- accessibility
- usability
- functionality
- aesthetics
- sustainability and future proofing
- end-user considerations
- health and safety.

4 Examples of *design conventions* include:
- usability heuristics
- visual hierarchy
- film genre conventions
- relevant composition methods
- schematic diagram conventions.

5 Conditions of Assessment related to this achievement standard can be found at http://ncea.tki.org.nz/Resources-for-Internally-Assessed-Achievement-Standards.

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

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