

Achievement Standard

Subject Reference	Digital Technologies 3.4		
Title	Use complex techniques to develop a digital media outcome		
Level	3	Credits	4
		Assessment	Internal
Subfield	Technology		
Domain	Digital Technologies		
Status	XX	Status date	XX
Planned review date	XX	Date version published	XX

This achievement standard involves using complex techniques to develop a digital media outcome.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
Use complex techniques to develop a digital media outcome.	Use complex techniques to develop an informed digital media outcome.	Use complex techniques to develop a refined digital media 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 *Use complex techniques to develop a digital media outcome* involves:
- applying appropriate tools and techniques to meet the purpose and end user requirements
 - applying appropriate data integrity and testing procedures
 - applying user experience principles relevant to the purpose of the outcome
 - addressing relevant implications.

Use complex techniques to develop an informed digital media outcome involves:

- using information from testing procedures to improve the quality of the outcome
- applying user experience principles to improve the quality of the outcome.

Apply complex techniques to develop a refined digital media outcome involves:

- iterative improvement throughout the development and testing process
- using efficient tools and techniques in the outcome's production.

- 3 Examples of relevant implications include:

- social
- cultural
- legal
- ethical
- intellectual property
- privacy
- accessibility
- usability
- functionality
- aesthetics
- sustainability and future proofing
- end-user requirements
- health and safety.

- 4 Examples of *complex techniques* include:

- non-core functionality
- sophisticated digital effects
- industry standards or guidelines
- responsive design for use on multiple devices
- integration of original media types
- dynamic data handling and interactivity
- automation through scripts.

- 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

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