

Achievement Standard

Subject Reference	Digital Technologies and Hangarau Matihiko 2.4		
Title	Use advanced techniques to develop a digital media outcome		
Level	2	Credits	4
		Assessment	Internal
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 using advanced techniques to develop a digital media outcome.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> Use advanced techniques to develop a digital media outcome. 	<ul style="list-style-type: none"> Use advanced techniques to develop an informed digital media outcome. 	<ul style="list-style-type: none"> Use advanced techniques to develop a refined digital media 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 *Use advanced techniques to develop a digital media outcome* involves:
- using appropriate tools and techniques for the purpose and end users
 - applying appropriate data integrity and testing procedures
 - using relevant conventions for the media type
 - explaining relevant implications.
- Use advanced techniques to develop an informed digital media outcome* involves:
- using information from testing procedures to improve the quality of the outcome
 - applying relevant conventions to improve the quality of the outcome
 - addressing relevant implications.
- Use advanced techniques to develop a refined digital media outcome* involves:
- iterative improvement throughout the design, development and testing process to produce a high-quality outcome
 - 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 considerations
 - health and safety.
- 4 Examples of *advanced techniques* include:
- creating or customising scripts, code or presets
 - using a combination of steps to manipulate or enhance elements
 - using a third-party library
 - using composite effects.
- 5 Examples of *efficient tools and techniques* include:
- management of assets
 - using stylesheets
 - master pages or student developed templates
 - commenting
 - character formatting controls
 - reusing objects, styles and/or frames
 - html/css validation procedures
 - optimisation of media assets.
- 6 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

This achievement standard replaced AS91370.

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