Achievement Standard

Subject Reference Digital Technologies 2.4

Title Use advanced techniques to develop a digital media outcome

Level 2 **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 advanced techniques to develop a digital media outcome.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
• Use advanced techniques to develop a digital media outcome.	• Use advanced techniques to develop an informed digital media outcome.	• Use advanced 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.

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2 *Use advanced techniques to develop a digital media outcome* involves:
- using appropriate tools and techniques for end users
- applying appropriate data integrity and testing procedures
- using relevant conventions
- 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
- improving the quality of the outcome by applying relevant conventions
- addressing relevant implications.

Use advanced 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 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
- commenting
- optimisation of images.

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

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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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