

## Achievement Standard

<b>Subject Reference</b>	Generic Technology 1.9		
<b>Title</b>	Demonstrate understanding of the ways a technological outcome, people, and social and physical environments interact		
<b>Level</b>	1	<b>Credits</b>	4
		<b>Assessment</b>	Internal
<b>Subfield</b>	Technology		
<b>Domain</b>	Generic Technology		
<b>Status</b>	Registered	<b>Status date</b>	20 January 2011
<b>Planned review date</b>	31 December 2014	<b>Date version published</b>	20 January 2011

This achievement standard involves demonstrating understanding of the ways a technological outcome, people, and social and physical environments interact.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate understanding of the ways a technological outcome, people, and social and physical environments interact.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate in-depth understanding of the ways a technological outcome, people, and social and physical environments interact.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate comprehensive understanding of the ways a technological outcome, people, and social and physical environments interact.</li> </ul>

### Explanatory Notes

- This achievement standard is derived from Level 6 of the Technology learning area (Nature of Technology strand) 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, 2010 at <http://seniorsecondary.tki.org.nz>.

Appropriate reference information is available in *Safety and Technology Education: A Guidance Manual for New Zealand Schools*, Learning Media, Ministry of Education, 1998; and The Health and Safety in Employment Act 1992, and in the *Technology Curriculum Support*, October 2010 that can be found at <http://www.techlink.org.nz/curriculum-support/pdfs/technology-curriculum-support-Oct-10.pdf>

Further information about characteristics of technological outcomes can be found at <http://www.techlink.org.nz/curriculum-support/papers/nature/char-tech-out/index.htm> and <http://www.techlink.org.nz/curriculum-support/indicators/index.htm>.

- 2 *Demonstrate understanding of the ways a technological outcome, people and social and physical environments interact* involves:
- describing the social and historical context within which a technological outcome is located
  - identifying the people and social and physical environments that are connected to the technological outcome
  - describing the successful and unsuccessful ways in which the technological outcome, the people, and the social and physical environments interact.

*Demonstrate in-depth understanding of the ways a technological outcome, people and social and physical environments interact* involves:

- explaining how the people and the social and physical environments are connected to the technological outcome
- explaining the successful and unsuccessful ways in which the technological outcome, the people, and the social and physical environments interact.

*Demonstrate comprehensive understanding of the ways a technological outcome, people and social and physical environments interact* involves:

- discussing why the technological outcome, people, and social and physical environments interact in successful and unsuccessful ways

- 3 *Interact* refers to the interrelationships between the technological outcomes, people, and social and physical environments. Interrelationships must consider both influences and impacts.

- 4 Conditions of Assessment related to this achievement standard can be found at <http://www.tki.org.nz/e/community/ncea/conditions-assessment.php>.

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## Quality Assurance

- 1 Providers and Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against achievement standards.
- 2 Accredited providers and Industry Training Organisations assessing against achievement standards must engage with the moderation system that applies to those achievement standards.

Accreditation and Moderation Action Plan (AMAP) reference

0233