

## 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 2016	<b>Date version published</b>	12 December 2013

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 in *The New Zealand Curriculum*, Learning Media, Ministry of Education, 2007; and is related to the material in the current version of 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/Curriculum-support/Safety-and-Technology-Education>, and the Health and Safety in Employment Act 1992.

This standard is also derived from Te Marautanga o Aotearoa. For details of Te Marautanga o Aotearoa achievement objectives to which this standard relates, see the [Papa Whakaako](#).

- 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://ncea.tki.org.nz/Resources-for-aligned-standards/Technology/Level-1-Technology>.
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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