

Achievement Standard

Subject Reference Design and Visual Communication 1.30

Title Produce freehand sketches that communicate design ideas

Level 1 **Credits** 3 **Assessment** External

Subfield Technology

Domain Design and Visual Communication

Status Registered **Status date** 20 January 2011

Planned review date 31 December 2014 **Date version published** 20 January 2011

This achievement standard involves the production of freehand sketches to communicate design ideas.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> Produce freehand sketches that communicate design ideas. 	<ul style="list-style-type: none"> Produce freehand sketches that clearly communicate design ideas. 	<ul style="list-style-type: none"> Produce freehand sketches that effectively communicate design ideas.

Explanatory Notes

- 1 This achievement standard is derived from the Technology learning area of *The New Zealand Curriculum*, Learning Media, Ministry of Education, 2007, and is related to the *Teaching and Learning Guide for Technology*, Ministry of Education, 2010 at <http://seniorsecondary.tki.org.nz/>.

Further information can be found at <http://www.techlink.org.nz>.

- 2 *Produce freehand sketches that communicate design ideas* involves:
- using freehand sketches to describe design features. Describing includes but is not limited to showing form, shape and function.

Produce freehand sketches that clearly communicate design ideas involves:

- creating freehand sketches that show design features in proportion relative to the context of the design brief
- showing detailed information about design features. Detailed information typically includes but is not limited to details of construction, structure, function and aesthetics.

Produce freehand sketches that effectively communicate design ideas involves:

- showing in-depth information about design features. In-depth information typically includes but is not limited to exploded, sectional and sequential views that explain design features.

- 3 *Freehand sketches* are used to explore and communicate ideas and must be created/produced unassisted by the use of instruments or any electronic technologies.

Both two-dimensional and three-dimensional (eg isometric, perspective, oblique and planometric) freehand sketching techniques must be used. Examples of sketching techniques could include quick rendering, crating, and use of line hierarchy.

- 4 *Design ideas* refer to student-generated responses to a design brief.

- 5 Assessment Specifications for this achievement standard can be accessed through the Technology Resources page found at <http://www.nzqa.govt.nz/ncea/resources>.

Replacement Information

This achievement standard replaced unit standard 7499.

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