

NCEA Review and Maintenance Programme – 2026 updates

Review and maintenance work has been undertaken for all three levels of NZC NCEA for 2026. This pdf document contains the updated Achievement Standards for **Design and Visual Communication Level 2**. In January 2026 the NCEA website will be updated with these changes for Level 1, and the pdf version will be removed as it will no longer be necessary. For Levels 2 and 3, NZQA will update their website with the registered standards in December. For external assessment specifications, refer to the NZQA website.

Subject: Design and Visual Communication Level 2

Standard	What's changed?
AS2.31 91338	<p>Explanatory Note 2: '2D' added to scaled drawings.</p> <p>Explanatory Note 3: definition clarified.</p> <p>Explanatory Note 7: definition clarified.</p> <p>Explanatory Note 8: definition clarified.</p> <p>Explanatory Note 10: definition clarified.</p>

Number AS91338

Version 4

Achievement Standard

Subject Reference

Design and Visual Communication 2.31

Title

Produce working drawings to communicate technical details of a design

Level 2

Credits 4

Assessment External

Subfield Technology

Domain Design and Visual Communication

Status Registered

Status date September 2025

Planned review date December 2028

Date version published December 2025

This achievement standard involves producing working drawings to communicate technical details of a design.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none">Produce working drawings to communicate technical details of a design.	<ul style="list-style-type: none">Produce working drawings to clearly communicate technical details of a design.	<ul style="list-style-type: none">Produce working drawings to effectively communicate technical details of a design.

Explanatory Notes

- This achievement standard is derived from Level 7 of 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 [Safety in 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](#) for the relevant learning area.

2 *Produce working drawings to communicate technical details of a design* involves:

- producing a set of related 2D scaled drawings
- using conventions
- showing complex visual information.

Produce working drawings to clearly communicate technical details of a design involves:

- producing an accurate set of related 2D scaled drawings that communicate details of a design.

Produce working drawings to effectively communicate technical details of a design involves:

- producing a coherent set of related 2D scaled drawings that communicate details of a design.

3 *Working drawings* are a set of related 2D orthographic drawings that may include but are not limited to: components, assembly, sectional view, auxiliary view, true shape, surface development, and construction details.

4 *Technical details* refer to the information related to the design. They describe the functional and aesthetic qualities of the design.

5 Conventions associated with orthographic drawing define such things as: line types (eg, construction lines, outlines, and section lines), drawing and text layout, and dimensioning. Conventions include those which are commonly applied within a community of practice eg, engineering, or architecture – building and landscaping.

6 A set of related drawings refers to multiple drawings that communicate details of a design's shape and form.

7 Complex visual information may include but is not limited to:

- details not visible in the main outline
- component assembly details
- communication of a design with complex shape and form.

8 An accurate set of 2D drawings are clear and effectively use established conventions, such as technical annotations and scale.

A coherent set of 2D drawings are logically connected and communicate extensive technical detail to enable a design to be made, such as representing different views of the same design.

9 Working drawings can be constructed using either traditional drawing equipment or computer applications.

10 A *design* is a student's own generated response to a design brief.

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

Replacement Information

This achievement standard replaced AS90318, unit standard 18995, and unit standard 18996.

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