

NCEA Design and Visual Communication Remote Learning and Assessment

NZQA has considered the impacts of the Covid-19 virus on teaching, learning and assessment programmes for NCEA Design and Visual Communication.

This document includes guidance for both internal and external Design and Visual Communication Achievement Standards.

General Guidance

If students have an internet connection, there are several options for collaborative working available to them. For example, they may be able to use video conferencing or the facilities of a cloud-based platform, or a learning management system.

Care must be taken when students are interacting on-line to ensure their safety.

This may pose issues around access and equity for some students, which you will need to consider in your programme planning.

Standards that have a practical or digital component will need access to specialist equipment, tools and materials. Many students are unlikely to have this access.

For standards that have a research component, access to information sources is required.

Supporting Evidence

Evidence for these standards could be collected in a number of ways that include:

- Using a camera to capture or record discussions with students, or to show modelling that helps explain their work – making short, focused video or audio recordings can offer alternatives for students.
- Adding annotations to explain images – this can include taking photographs of annotated images or printing an image and annotating digitally – and uploading to a platform for assessors to access.
- Video with voiceover using programs such as screen casting software to record student discussion or comment.
- Using e-portfolio platforms to collate digital evidence.
- Portfolio entries with documentation of design idea generation, development, thinking and planning through written comments and annotated images, to be viewed at a later date.

Evidence collated from research, along with how this has informed the design development, should be succinct, rather than presenting large amounts of gathered research.

Design and Visual Communication Matrix

KEY: A colour-coding system to categorise standards according to the advice in this document.

Green	These standards are suitable for remote teaching, learning and assessment.
Blue	Teachers can facilitate assessment against these standards by remote learning with guidance (refer to General Guidance above).
Red	These standards require specialist drawing software or equipment and are not suitable for remote teaching, learning and assessment.

Domain	Level 1	Level 2	Level 3
Design and Visual Communication	<p>AS 91063 1.30</p> <p>Produce freehand sketches to communicate own design ideas</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Assessment remains a paper-based portfolio for submission. The current Assessment Specifications will continue to apply.</p> <p style="text-align: right;">3 credits External</p>	<p>AS 91337 2.30</p> <p>Use visual communication techniques to generate design ideas</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>If the students are doing digital or mechanical drawings, they need access to T-squares or appropriate digital programs. The current Assessment Specifications will continue to apply.</p> <p style="text-align: right;">3 credits External</p>	<p>AS 91627 3.30</p> <p>Initiate design ideas through exploration</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>The current Assessment Specifications will continue to apply.</p> <p style="text-align: right;">4 credits External</p>

Domain	Level 1	Level 2	Level 3
	<p>AS 91064 1.31</p> <p>Produce instrumental multi-view orthographic drawings that communicate technical features of design ideas</p> <p>This standard is suitable for remote teaching and learning if students have access to the equipment (e.g. T-square) and/or the technology (e.g. CAD programs) required.</p> <p style="text-align: right;">3 credits External</p>	<p>AS 91338 2.31</p> <p>Produce working drawings to communicate technical details of a design</p> <p>This standard is suitable for remote teaching and learning if students have access to the equipment (e.g. T-square) and/or the technology (e.g. CAD programs) required.</p> <p style="text-align: right;">4 credits External</p>	<p>AS 91628 3.31</p> <p>Develop a visual presentation that exhibits a design outcome to an audience</p> <p>This standard requires presentation of selected work previously completed by the student, and may require specialist equipment.</p> <p>It is suggested that this standard be assessed once students have completed suitable work, and access to specialist equipment and the exhibition environment.</p> <p style="text-align: right;">6 credits Internal</p>
	<p>AS 91065 1.32</p> <p>Produce instrumental paraline drawings that communicate design ideas</p> <p>This standard is suitable for remote teaching and learning if students have access to the equipment (e.g. T-square) and/or the technology (e.g. CAD programs) required.</p> <p style="text-align: right;">3 credits External</p>	<p>AS 91339 2.32</p> <p>Produce instrumental perspective projection drawings to communicate design ideas</p> <p>This standard is suitable for remote teaching and learning if students have access to the equipment (e.g. T-square) and/or the technology (e.g. CAD programs) required.</p> <p style="text-align: right;">3 credits External</p>	<p>AS 91629 3.32</p> <p>Resolve a spatial design through graphics practice</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p style="text-align: right;">6 credits Internal</p>

Domain	Level 1	Level 2	Level 3
	<p>AS 91066 1.33</p> <p>Use rendering techniques to communicate the form of design ideas</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>3 credits Internal</p>	<p>AS 91340 2.33</p> <p>Use the characteristics of a design movement or era to inform own design ideas</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>3 credits Internal</p>	<p>AS 91630 3.33</p> <p>Resolve a product design through graphics practice</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>6 credits Internal</p>
	<p>AS 91067 1.34</p> <p>Use the work of an influential designer to inform design ideas</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents. Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>3 credits Internal</p>	<p>AS 91341 2.34</p> <p>Develop a spatial design through graphics practice</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents. Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>6 credits Internal</p>	<p>AS 91631 3.34</p> <p>Produce working drawings to communicate details for a complex design</p> <p>This standard is suitable for remote teaching and learning if students have access to the equipment (e.g. T-square) and/or the technology (e.g. CAD programs) required.</p> <p>6 credits External</p>

Domain	Level 1	Level 2	Level 3
	<p>AS 91068 1.35</p> <p>Undertake development of design ideas through graphics practice</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>6 credits Internal</p>	<p>AS 91342 2.35</p> <p>Develop a product design through graphics practice</p> <p>Where learners have access to research materials and suitable equipment, this standard is suitable for distance learning and assessment on digital platforms such as learning management systems, video conferencing or online documents.</p> <p>Learners could also use paper-based portfolios to be submitted once the student returns to school.</p> <p>6 credits Internal</p>	
	<p>AS 91069 1.36</p> <p>Promote an organised body of design work to an audience using visual communication techniques</p> <p>This standard requires presentation of selected work previously completed by the student and may require specialist equipment.</p> <p>It is suggested that this standard be assessed once students have completed suitable work and have access to specialist equipment.</p> <p>4 credits Internal</p>	<p>AS 91343 2.36</p> <p>Use visual communication techniques to compose a presentation of a design</p> <p>This standard requires presentation of selected work previously completed by the student and may require specialist equipment.</p> <p>It is suggested that this standard be assessed once students have completed suitable work and have access to specialist equipment.</p> <p>4 credits Internal</p>	