

External Assessment Evidence Gathering Template



Learner Name		NSN		Grade	
Subject	Design and Visual Communication				
Standard Number	91064	Level	1	Version	5
Standard Title	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas				
Purpose of this document	This Assessment Template is a resource for secondary teachers to support the recording of evidence against the requirements of an externally assessed Achievement Standard. It incorporates the assessment requirements of the Achievement Standard, and evidence statements that support the award of a derived grade. Assessment Templates are not a replacement for external examinations.				
Sufficiency statement	Multiple forms of evidence provided by a student may be recorded on the Template under each Grade. The final recommended Grade must be recorded on the cover page. Instruments are used to construct drawings (CAD or traditional instrumental techniques).				

Achievement	Achievement with Merit	Achievement with Excellence
Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	Produce instrumental, multi-view orthographic drawings that clearly communicate technical features of design ideas	Produce instrumental, multi-view orthographic drawings that effectively communicate technical features of design ideas
<p>Key requirements for Achievement:</p> <ul style="list-style-type: none"> • Use appropriate instrumental drawing techniques and conventions to produce 2D drawings that describe the technical features of a design idea. <ul style="list-style-type: none"> - Drawing techniques include (but are not limited to): projection, sectioning, geometric construction, surface development. - Conventions include (but are not limited to): labelling views, dimensioning, title block, recognised drawing scale, line types and weightings, third angle symbol. - Technical features include (but are not limited to): showing visible surface features, dimensions, and materials. • Design is communicated with two or more aligned views via projection. These views should be in third angle projection according to NZS/AS 1100:101:1992 – Technical Drawing General Principles. 	<p>Key requirements for Merit:</p> <ul style="list-style-type: none"> • Use instrumental drawing techniques and conventions to produce 2D drawings that detail the technical features of a design idea. <ul style="list-style-type: none"> - Detail in the technical features typically includes (but is not limited to): communicating components / assembly information that is not visible externally (e.g. hidden detail, cross-sections) or those associated with communicating complex shape and / or form. • Views are labelled and projected correctly. 	<p>Key requirements for Excellence:</p> <ul style="list-style-type: none"> • Use instrumental drawing techniques and conventions to produce accurately measured and precisely executed 2D drawings that show in-depth information about technical features of a design idea. <ul style="list-style-type: none"> - Accurately measured and precisely executed refers to differentiated line-weights, measurements, and correlation between projected views (alignment of details). - In-depth information typically includes include sectional view(s), auxiliary views, or surface developments that convey internal and external technical details.

Achievement	Achievement with Merit	Achievement with Excellence
Assessment Date/s:	Assessment Date/s:	Assessment Date/s:
Evidence provided by the student: <i>state type of assessment, nature of the evidence – e.g. text used, responses to questions</i>	Evidence provided by the student: <i>state type of assessment, nature of the evidence – e.g. text used, responses to questions.</i>	Evidence provided by the student: <i>state type of assessment, nature of the evidence – e.g. text used, responses to questions.</i>