Assessment Schedule – 2023

Design and Visual Communication: Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas (91064)

Achievement Criteria

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.*

Evidence

Not Achieved	Achievement	Merit	Excellence
Drawings present only basic geometric shapes (technical features not evident). Design ideas are from class exercises (not student generated).	Use appropriate **instrumental drawing techniques** and **conventions** to produce 2D drawings that describe the **technical features** of a design idea. • **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.	Use instrumental drawing techniques and conventions to produce 2D drawings that **detail the technical features** of a design idea. • **Detail 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.	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. • **Accurately measured and precisely executed** refers to differentiated line-weights, measurements, and correlation between projected views (alignment of details). • **In-depth information** typically includes sectional view(s), auxiliary views, or surface developments that convey internal and external technical details.
Views are not aligned via projection. Views are not labelled.	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*.	Views are labelled and projected correctly.	
Instruments are not used (freehand).	**Instruments** are used to construct drawings (CAD or traditional instrumental techniques).		