

Assessment Schedule – 2022

Design and Visual Communication: Produce working drawings to communicate production details for a complex design (91631)

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<i>Produce working drawings to communicate production details for a complex design.</i>	<i>Produce working drawings to clearly communicate production details for a complex design.</i>	<i>Produce working drawings to effectively communicate production details for a complex design.</i>

Evidence

Not Achieved	Achievement	Merit	Excellence
<p>Design is too simplistic / straight-forward.</p> <p>Drawings communicate interior OR exterior information, but not both.</p> <p>Drawings are not clearly related and / or present incomplete or contradictory information.</p> <p>Drawing conventions / presentation techniques are not understood or are inaccurate.</p>	<p>Select views and modes informed by research and the nature of the design.</p> <p>Use appropriate conventions and presentation techniques to generate a set of related drawings that communicate details for the assembly and / or construction of the design.</p> <ul style="list-style-type: none"> • Drawing conventions and presentation techniques are used with proficiency. Drawing systems could include conventions for manufacture and assembly of product design and spatial design (see EN 5). • Drawings are related using recognised conventions for cross-referencing. • 2D and 3D drawings include information communicating interior and exterior details of construction and / or assembly. <p>Design must be of sufficient complexity, i.e. must have multiple components.</p>	<p>Selected views and modes are informed by the design and drawing systems and show considered design details.</p> <p>Accurately apply techniques to generate a precise set of accurately related drawings that communicate details for the assembly and / or construction of the design.</p> <ul style="list-style-type: none"> • Precise and accurate drawings include information that communicates interior and exterior details of construction and / or assembly. Evidence of precision and accuracy should be seen in the line types, measurement and dimensional information, scale, correlation between projected views (alignment). • Drawings are accurately related using recognised conventions for cross-referencing. 	<p>Select a series of views and modes to generate a cohesive set of related drawings that communicate details that would enable the assembly and / or construction of some components / elements of design.</p> <ul style="list-style-type: none"> • A cohesive set of related drawings are interconnected and communicate the depth of detail and information required to allow for the manufacture or construction of the design.

Note: **Communicate production details** could include but is not limited to the use of exploded views, sectional views or details that show how some of the components work together.