

|                            | Achievement Standard Criteria   | E (<25)<br><i>(Unsatisfactory)</i>                                    | D (25-50)<br><i>(Below Standard)</i>  | C (50-65)<br><i>(Satisfactory)</i>   | B (65-85)<br><i>(Above Standard)</i>   | A (85-100)<br><i>(Exemplary)</i>  |
|----------------------------|---|---|---|--|--|---|
| RESEARCH & ANALYSE<br>(20) | Investigate the ways in which products, services and environments evolve locally, regionally and globally and how competing factors including social, ethical and sustainability considerations are prioritised in the development of technologies and designed solutions for preferred futures (ACTDEK029) <b>(10)</b> | Research was not carried out or irrelevant to the topic               | Research was limited and/or used outdated unreliable sources                                | Research was carried out and covered all topics as required using reliable sources | Research was carried out and extensively covered all topics as required using contemporary reliable sources                          | Research extensively covered all topics using many contemporary reliable sources including an overview of preferred futures |
|                            | Analyse ways to produce designed solutions through selecting and combining characteristics and properties of materials, systems, components, tools and equipment (ACTDEK034) <b>(10)</b>  | Analysis not carried out or inaccurate                                | Analysis was limited with many inaccuracies   | Analysis fully carried out and presented a viable sustainability solution          | Analysis was thorough and covered multiple sustainability concerns   | Analysis was extensive and presented in-depth and innovative solutions to many sustainability concerns                      |
| PALN & EVALUATE<br>(30)    | Select and justify choices of materials, components, tools, equipment and techniques to effectively and safely make designed solutions (ACTDEP037) <b>(15)</b>  | Selections not carried out and/or not relevant to initial analysis    | Selections carried out but many were not relevant to initial analysis                       | Selections were relevant to initial analysis and could be implemented effectively  | Selections systematically followed analysis and justifications focused on sustainability   | Selections meticulously followed analysis and sustainability innovation shown in justifications.                            |
|                            | Use project management processes to coordinate production of designed solutions (ACTDEP039) <b>(15)</b>   | Team member responsibilities not assigned and or not documented       | Team member responsibilities documentation limited and/or inequitable work allocations      | Team member responsibilities equally distributed and documented                    | Team member responsibilities distributed strategically and well documented   | Team member responsibilities distributed strategically with extensive evidence of collaborative communication               |
| DESIGN<br>(30)             | Generate, develop, test and communicate design ideas, plans and processes for various audiences using appropriate technical terms and technologies including graphical representation techniques (ACTDEP036)  | Design not attempted or did not match planning documentation outline  | Design created but failed to match planning documentation outline                           | Design created using appropriate medium and matched planning documentation outline | Design creatively represented using appropriate medium and matched planning documentation outline                                    | Design elaborately represented using innovative mediums and explicitly matched planning documentation outline               |
| PRESENT<br>(20)            |   | Presentation not attempted and/or failed to portray the final product | Presentation attempted but inaccurately portrayed the final product and/or was poorly timed | Presentation timely and accurately portrayed the final product                     | Presentation timely and accurately portrayed the final product with appropriate use of technical terms and creatively conveyed ideas | Presentation timely portrayed all aspects of the final product with innovative style and captivating delivery               |
| TOTAL                      |   |   |   |  |  |   |
| FINAL GRADE                |   |   |   |  |  |   |