VCE Product Design and Technologies

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| **VCE PRODUCT DESIGN AND TECHNOLOGIES**  **SCHOOL-ASSESSED COURSEWORK** | | | | | |
| **Performance descriptors** | | | | | |
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| **Unit 3**  **Outcome 1**  ***Critique examples of ethical product design and innovation within industrial settings.*** | **DESCRIPTOR: typical performance in each range** | | | | |
| **Very Low** | **Low** | **Medium** | **High** | **Very high** |
| Identifies one method of manufacturing in a production setting | Identifies methods of manufacturing in production settings | Describes one method of manufacturing in a production setting | Describes methods of manufacturing in production settings | Describes methods of manufacturing in different production settings |
| Identifies viability of technologies used in different scales of manufacturing | Outlines viability of technologies used in different scales in manufacturing | Describes viability of technologies used in different scales of manufacturing | Explains viability of technologies used in different scales of manufacturing | Compares viability of technologies used in different scales of manufacturing |
| Identifies influence of productivity of technologies used in different scales of manufacturing | Outlines influence of productivity technologies used in different scales of manufacturing | Describes influence of productivity technologies used in different scales of manufacturing | Explains influence of productivity technologies used in different scales of manufacturing | Compares influence of productivity technologies used in different scales of manufacturing |
| Identifies sustainability frameworks that influence design, manufacturing and/or marketing in industry | Outlines sustainability frameworks that influence design, manufacturing and/or marketing in industry | Describes sustainability frameworks that influence design, manufacturing and/or marketing in industry | Explains sustainability frameworks that influence design, manufacturing and marketing in industry | Discusses sustainability frameworks that influence design, manufacturing and marketing in industry |
| Identifies examples of product design in relation to sustainability frameworks | Outlines examples of product design in relation to sustainability frameworks | Describes examples of product design in relation to sustainability frameworks | Explains examples of product design in relation to sustainability frameworks | Critiques examples of product design in relation to sustainability frameworks |
| Identifies the impact of planned obsolescence on sustainability and/or other ethical considerations | Outlines the impact of planned obsolescence on sustainability and/or other ethical considerations | Describes the impact of planned obsolescence on sustainability and/or other ethical considerations | Explains the impact of planned obsolescence on sustainability and/or other ethical considerations | Analyses the impact of planned obsolescence on sustainability and/or other ethical considerations |
| Identifies impacts of the use of technologies in production processes and experimental and alternative materials for consumers and/or producers | Outlines impacts of the use of technologies in production processes and experimental and alternative materials for both consumers and producers | Describes impacts of the use of technologies in production processes and experimental and alternative materials for both consumers and producers | Discusses impacts of the use of technologies in production processes and experimental and alternative materials for both consumers and producers | Compares and critiques impacts of the use of technologies in production processes and experimental and alternative materials for both consumers and producers |

KEY to marking scale based on the outcome contributing 50 marks

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| Very Low 1–10 | Low 11–20 | Medium 21–30 | High 31–40 | Very High 41–50 |