VCE Product Design and Technology 2018–2023

Performance Descriptors

| **VCE PRODUCT DESIGN AND TECHNOLOGY**  **SCHOOL-ASSESSED COURSEWORK** | | | | | |
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| **Performance Descriptors** | | | | | |
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| ***Unit 3***  ***Outcome 2***  ***Explain and analyse influences on the design, development and manufacture of products within industrial settings.*** | **DESCRIPTOR: typical performance in each range** | | | | |
| **Very low** | **Low** | **Medium** | **High** | **Very high** |
| Very limited explanation of importance of research and development. | Limited explanation of importance of research and development. | Sound explanation of the importance of research and development. | Thorough explanation of the importance of research and development. | Reasoned explanation of the importance of research and development. |
| Very little explanation of new technologies and materials in product manufacturing. | Some explanation of new technologies and materials in product manufacturing. | Appropriate explanation of new technologies and materials in product manufacturing. | Detailed explanation of new technologies and materials in product manufacturing. | Comprehensive explanation of new technologies and materials in product manufacturing. |
| Very limited description of the product design process in industry. | Limited description of the product design process in industry. | Sound description of the product design process in industry. | Detailed description of the product design process in industry. | Very detailed description of the product design process in industry. |
| Very limited understanding of the relevance of planned obsolescence to product manufacture and design. | Some understanding of the relevance of planned obsolescence to product manufacture and design. | Sound understanding of the relevance of planned obsolescence to product manufacture and design. | High level understanding of the relevance of planned obsolescence to product manufacture and design. | Sophisticated understanding of the relevance of planned obsolescence to product manufacture and design. |
| Very limited analysis of the sustainability systems which influence product design and manufacture. | Some analysis of the sustainability systems which influence product design and manufacture. | Satisfactory analysis of the sustainability systems which influence product design and manufacture. | Detailed analysis of the sustainability systems which influence product design and manufacture. | Comprehensive analysis of the sustainability systems which influence product design and manufacture. |
| Very limited ability to compare systems and scales of manufacturing and their suitability for particular products. | Some ability to compare systems and scales of manufacturing and their suitability for particular products. | Sound ability to compare systems and scales of manufacturing and their suitability for particular products. | High level ability to compare systems and scales of manufacturing and their suitability for particular products. | Very high level ability to compare systems and scales of manufacturing and their suitability for particular products. |

KEY to marking scale based on the Outcome contributing 35 marks

| Very Low 1–7 | Low 8–14 | Medium 15–21 | High 22–28 | Very High 29–35 |
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