Product Design

## Class of 2018

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| Exam board information: WJEC Design & Technology Product Design - 4141 |

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| Course content: This subject will allow pupils to specialise in Product Design. This course may appeal to those who enjoy a more graphic approach to design and technology. However, they will learn about a range of materials, manufacturing processes, techniques and technologies and be able to use them, as appropriate, in the process of designing and making. |

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| Skills that will be developed: **Pupils will:**   * Be involved in analysing and evaluating existing products and processes. * Undertake practical tasks to develop techniques and learn about materials. * Examine industrial/commercial practices. * Learn how to develop, plan and produce their own products. * Consider how past and present, design, technology and cultural influences have shaped our world * This subject allows pupils the opportunity to use whatever aspect of technology they feel necessary to produce their own coursework products. |

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| How the course will be assessed: **Written Paper 40% of the marks. Two hours.**  This paper will test application of knowledge and understanding of materials, components, processes, techniques, technologies and the evaluation of commercial practices and products.  **Controlled Assessment 60% of the marks. 45 hours.**  This consists of a 3D product and a concise design folder. Pupils will be encouraged to devise their own project outlines. Candidates have the freedom to use the type and variety of materials necessary to satisfy their design brief. |

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| To be successful: Students need to be prepared to make decisions for themselves. Find ways around problems and not be put off when or if things go wrong. They must use tools and equipment safely. |

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| Onward pathways: This qualification feeds directly through to GCE A Level D&T Product Design. |

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| Further information: Contact Mr. Greenland. |