

<h2>Product Design</h2>	
Exam Board	AQA
Course Entry Criteria	6 or above in GCSE Design & Technology or Engineering
Essential skills	In order to take A level Product Design not only do you need a passion for Design you also need to have excellent organisational skills and the ability to problem solve effectively. You will need to be self-motivated and disciplined to meet coursework deadlines whilst still preparing for the examination.
A Level	<p>This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries. They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing prototypes of their choice. Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.</p> <p>What's assessed</p> <p><b>Technical principles</b></p> <p>How it's assessed</p> <ul style="list-style-type: none"> <li>• <b>Written exam: 2.5 hours</b></li> <li>• <b>120 marks</b></li> <li>• <b>30% of A-level</b></li> </ul> <p>Questions</p> <p><b>Mixture of short answer and extended response.</b></p> <p><b><u>Paper2</u></b></p> <p>What's assessed</p> <p><b>Designing and making principles</b></p> <p>How it's assessed</p> <ul style="list-style-type: none"> <li>• <b>Written exam: 1.5 hours</b></li> <li>• <b>80 marks</b></li> <li>• <b>20% of A-level</b></li> </ul> <p>Questions</p> <p><b>Mixture of short answer and extended response questions.</b></p> <p><b>Section A:</b></p> <ul style="list-style-type: none"> <li>• <b>Product Analysis: 30 marks</b></li> <li>• <b>Up to 6 short answer questions based on visual stimulus of product(s).</b></li> </ul> <p><b>Section B:</b></p> <ul style="list-style-type: none"> <li>• <b>Commercial manufacture: 50 marks</b></li> <li>• <b>Mixture of short and extended response questions</b></li> </ul> <p><b><u>Non-exam assessment (NEA)</u></b></p> <p>What's assessed</p> <p><b>Practical application of technical principles, designing and making principles.</b></p> <p>How it's assessed</p> <ul style="list-style-type: none"> <li>• <b>Substantial design and make project</b></li> <li>• <b>100 marks</b></li> <li>• <b>50% of A-level</b></li> </ul> <p>Evidence</p> <p><b>Digital design portfolio and photographic evidence of final prototype.</b></p>
University requirements	<b>Brunel University, University of Leeds, Goldsmiths University of London and Loughborough University</b> all require – A B B <b>Ravensbourne</b> - 2 A levels, grade C or above.
Related courses and careers	Related Courses - Physics, Maths, Art, Engineering and Media. Related Careers – Industrial Design, Product Design, Engineering, Graphic Design, Medical Product Design, Teaching, Architecture, Film Set/Theatre Design, Special Effects Development, Property Development and Interior Design.
Other Details	Students will be encouraged to visit museums, galleries and various exhibitions to gather research that will inspire their NEA, we also run a number of trips at A level, to help with their studies. Although the school supplies many materials and an extensive range of resources, students will be required to purchase the AQA textbook and contribute £15. A year towards some resources.