

Year 12/13	AQA A-LEVEL PRODUCT DESIGN	Type of assessment
<p>50% NEA</p> <p>Students are awarded marks in the following areas:</p>	<ul style="list-style-type: none"> • AO1: Identify, investigate and outline design possibilities to address needs and wants. • AO2: Design and make prototypes that are fit for purpose. • AO3: Analyse and evaluate: design decisions and outcomes, including for prototypes made by themselves and others wider issues in design and technology. • AO4: Demonstrate and apply knowledge and understanding of: technical principles designing and making principles 	<ul style="list-style-type: none"> • Portfolio of evidence. • Final prototype product or collection.
<p>50% Written Exams</p> <p>All students are assessed in these areas</p>	<ul style="list-style-type: none"> • Materials and applications • Classification of materials • Methods for investigating and testing materials • Performance characteristics of materials • Methods of joining and use of components • Appropriateness of components for end use • Enhancement of materials • Modern industrial and communication practices • Digital design and manufacture • Requirements for product design development • Health and safety • Intellectual property • Design for manufacture • Feasibility studies • Enterprise and marketing • Design communications • Design process • Social, moral and ethical influences and practices • Responsible design • Critical analysis • Accuracy in design and manufacture • National and international standards • Applying technical maths skills 	<ul style="list-style-type: none"> • External Exams <p>Paper 1: Technical Principles (30%)</p> <p>Paper 2: Designing and Making Principles (20%)</p> <ul style="list-style-type: none"> • Topic Tests • FAR marked tasks • Practice papers • Homework tasks