



## Design and Technology (Product Design)

<b>Awarding Body</b>	AQA	<b>Specification Code</b>	7552
<b>Purpose of the course</b>	<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.</p> <p>They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing prototypes of their choice.</p> <p>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>		
<b>Entry requirements</b>	All students will have studied GCSE design and technology or engineering and achieved a 5 or above in either subject and Maths.		
<b>Type of qualification</b>	A Level		
<b>Course contents</b>	<p>Technical Principles, including:</p> <ul style="list-style-type: none"> <li>● Materials and their applications</li> <li>● Methods for investigating and testing materials</li> <li>● Performance characteristics of materials</li> <li>● Enhancement of materials</li> <li>● Forming, redistribution and addition processes</li> </ul> <p>Designing and making principles, including:</p> <ul style="list-style-type: none"> <li>● Design methods and processes</li> <li>● Design theory</li> <li>● How technology and cultural changes can impact on the work of designers</li> <li>● Product life cycle</li> </ul>		
<b>Assessment method</b>	<p>Students have two external examinations:</p> <p>Written exam 1: Technical principles 30% of A Level</p> <p>Written exam 2: Designing and making principles 20% of A Level</p> <p>And one non-exam assessment (NEA), which is a substantial design and make project, worth 50% of the A Level. This is a written or digital design portfolio and photographic evidence of the final prototype.</p>		
<b>Further studies</b>	<p>This course could either lead to higher education or into the world of work. It is highly thought of by universities and employers.</p> <p>This course can lead into the following areas :</p> <ul style="list-style-type: none"> <li>● Exhibition designer</li> <li>● Furniture designer</li> <li>● Industrial/product designer</li> <li>● Interior and spatial designer</li> </ul>		
<b>Subject Lead</b>	Mr S Bonner		