

Subject: Technology

Year	Content of the Curriculum	Additional Resources to aid Learning e.g. web links, guided reading
7	<p>Term 1 - Students receive an introduction to workshop skills and processes leading to them manufacturing their first product, a Clock</p> <p>Term 2 - Students investigate, through a series of mini projects, mechanical systems and their features. They will make a catapult, scissor monster, cam toy and then design their own automata</p> <p>Term 3 - Students will explore different material areas such as papers/boards, textiles, metals and polymers. They will then use this information to make their own decorative storage container.</p>	
8	<p>Term 1+2- Students build on their skills from year 7 through a series of linked projects, in this term they will make a miniature operation game.</p> <p>Term 3 - Students will look at food packaging from a well known burger chain, corporate branding and interactive packaging features.</p>	
9	<p>Year project - students to develop a working knowledge of basic electronics to manufacture a working prototype for a mobile phone holder/speaker. This will involve circuit assembly, use of metals, plastics and polymers. They will also consider the works of a specified design era as an influence in their design.</p>	
10	<p>BTEC Construction and the Built Environment The course is made up of three mandatory units and one optional unit. Unit 1 is assessed externally through a 1hr 15min examination while the other units are assessed through internally assessed assignments. Each unit has an equal weighting and all units must be passed at a pass or higher level 2 to achieve a level 2 qualification.</p>	Exam Board Specification & Specimen Papers, teacher produced exemplar work and board assigned exemplar work.
11	<p>AQA GCSE Resistant Materials (8552) The course follows a system of non examined assessment (50%) and external examination (50%).</p> <p>NEA - The students choose a starting point from one of three contexts set by the exam board. They will then identify a need and investigate into it before generating, developing and realising a prototype for a working product.</p> <p>In addition to this non examined assessment the students cover a range of different topics under the Design & Technology heading, along with new technologies, environmental concerns and social implications of design. There will be three sections</p>	Exam Board Specification & Specimen Papers:

	to the exam: Core Principles, Specialist Technical Principles and Design & Make Principles.	
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