

Subject: Design Technology – Product Design

Exam Board: Edexcel

	Year 9	Year 10	Year 11	Additional information
Autumn 1	<p>During this period of time, students work in a carousel, developing an understanding of the range of Technology subjects on offer at GCSE from term one. The subjects are</p> <ul style="list-style-type: none"> • Design Technology – Product Design • Textiles Design • Graphic Design • Food and Nutrition 	<ul style="list-style-type: none"> • Material considerations • Communicating design ideas • Technical understanding 	Iterative design process	<p><u>Link to Syllabus</u></p> <p>http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552</p>
Autumn 2		<ul style="list-style-type: none"> • Manufacturing processes and techniques • Design considerations 	Iterative design process	<p><u>Assessment for GCSE</u></p> <ul style="list-style-type: none"> • 1 2hr written exam • NEA
Spring 1		<p>They will cover in 6 week rotations, learning in designing and making across all of these areas, with a focus on</p> <ul style="list-style-type: none"> • Material considerations • Communicating design ideas • Technical understanding 	Iterative design process	<p><u>Coursework</u></p> <ul style="list-style-type: none"> • NEA 35 hours Design and Make
Spring 2		<ul style="list-style-type: none"> • Creative thinking • Problem solving • Designing skills • Accuracy within making • Materials and properties • Food preparation 	<ul style="list-style-type: none"> • Manufacturing processes and techniques 	<p>Iterative design process</p> <p>Manufacturing processes and techniques</p>

	All rotations are assessed in line with 9-1 criteria	<ul style="list-style-type: none"> Design considerations 		technology-8552 http://www.technologystudent.com/
Summer 1		<ul style="list-style-type: none"> Manufacturing processes and techniques Technical understanding 	<ul style="list-style-type: none"> Manufacturing processes and techniques Technical understanding 	<p><u>Subject Specific Resources Needed</u></p> <p>Calculator</p> <p>Protractor</p> <p>Fine line pen</p> <p>Usual stationary</p> <p>AQA revision book – available in the LRC</p> <p>A3 Design folder – available in the LRC</p>
Summer 2	Students will opt for one of the prior technologies to complete the term.	<ul style="list-style-type: none"> Iterative design process Technical understanding 		

Summer 2

Sociological Research
Methods

Revision

Revision for and
completion of Entrance
exams