



Overview	<p>In Year 13 students will further develop their understanding of all theory aspects and put into practice everything they have learnt, in order to complete their coursework portfolio. The areas are research, design, development, the making of the solution and a final evaluation.</p> <p>Lessons will mainly consist of an introduction to the different areas and students will then be expected to independently work on completing them.</p> <p>Lesson context is delivered in a range of ways ranging from, lesson PowerPoints, textbooks and YouTube clips.</p> <p>The NEA commences in the summer term.</p> <p>The course is delivered over six, 100-minute lessons per fortnight.</p>
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Autumn Term 1A	<ul style="list-style-type: none"> ■ Section A - the 'Relevant research' slides Students to research into the areas relevant to their potential outcome (Materials, mechanisms, processes, ergonomics and anthropometrics), using both first hand and second-hand research. ■ Section A - the 'Analysis of research' slides Students to complete the 'Research plan' page stating what they have learnt and how may they use the research to help them develop their final solution. <p>Practical Task: complete the pages stated above.</p>	Assessment
		Quality Of NEA coursework

Autumn Term 1B	<ul style="list-style-type: none"> ■ Introduction to Section B - the 'Design Brief and Design Specification' slides Students to articulate what, why and how they intend to solve their original problem and what impact will it have on their client, target market and the wider society. In detail students will write a specification on exactly what they final solution will look like, made from, cost etc using ACCESSFMM. ■ Section C - the 'Development' slides Students to start developing their best ideas and with models, experiment how their final solution may look, be made and work. Development should be done in a variety of ways, including drawings, cad drawings and foam and card models. ■ Revision for Mock exam <p>Practical Task: complete the pages stated above.</p>	Quality Of NEA coursework
		Mock Exam Grade

Spring Term 2A	<ul style="list-style-type: none"> ■ Section C - the 'Development' slides Students to continue to develop their best ideas and with models, experiment how their final solution may look, be made and work. Development should be done in a variety of ways, including drawings, cad drawings and foam and card models. ■ Section D - the 'final solution' slides Students begin to make their final outcomes that should solve their original design problem and meet the needs and wants of their clients. This will be completed in the workshop and should involve a wide variety of hand tools, machinery, CAD and CAM. A making diary with photographs must be completed as evidence that the outcome was produced themselves. <p>Practical Task: complete the pages stated above.</p>	Assessment
		Quality Of NEA coursework

Spring Term 2B	<ul style="list-style-type: none"> Section D - the ‘final solution’ slides Students to continue to make their final outcomes that should solve their original design problem and meet the needs and wants of their clients. This will be completed in the workshop and should involve a wide variety of hand tools, machinery, CAD and CAM. A making diary with photographs must be completed as evidence that the outcome was produced themselves. Section E - the ‘Testing and Evaluation’ slides Students to test their outcome and evaluate it against their design brief and specification. Their client must also review the product and successes and areas for improvement must be explained. A redesign, taking into account the findings must also be completed. <p>Practical Task: complete the pages stated above.</p>	Quality Of NEA coursework
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Summer Term 3A	<ul style="list-style-type: none"> Revision of summer exam. These sessions are student led based on their needs. Students will be working through past papers. 	Assessment
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Useful Resources for Supporting Your Child at Home:	Homework:
AQA Assessment Objectives	Revision for ongoing theory covered in textbooks. Coursework with ongoing deadlines.