



Overview	<p>In year 11 students follow on from year 10 and continue with their NEA portfolio. They carry on this researching, designing, developing and making their solution to their chosen brief. We also complete the last units of theory and prepare for both the mock and summer exam. Homework can vary from Seneca tasks to NEA coursework.</p> <p>The GCSE NEA must be completed in the second part of the spring term.</p>
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Autumn Term 1A	<p>Introduction to Section A - the 'Existing Product' Slide (2-3 products) students critically analyse existing product that relate to their own chosen brief using ACCESSFMM</p> <p>Introduction to Section A - the 'Mood board' Slide students to collate inspirational images that will encourage creative design.</p> <p>Introduction to Section C - the Initial sketches (9-12 sketches) Recap design generation techniques – students to sketch a range of 'imaginative, creative and innovative designs related to their brief. Sketches will be presented with fine liner, colour and annotated and added to their digital portfolio.</p>	Assessment
		Quality of coursework pages.

Autumn Term 1B	<p>Introduction to Section A - the 'Relevant research' slide Students to complete a bespoke research page to cover what materials they may use, Ergonomic and Anthropometric considerations and any other thing they need to consider (mechanisms)</p> <p>Introduction to Section A - the 'Analysis of research' slide Students to evaluate all their research and explain what they have learnt and how it could be used in their quest to find a design solution to their brief.</p> <p>Introduction to Section B - the 'Design Brief' slide Students to write up a design brief which clearly justifies how they have considered their client's needs and wants.</p> <p>Introduction to Section B - the 'Design Specification' slide Students to write up a detailed and specific design specification with choices made and reasons why. Must be linked to research and client's needs and wants.</p>	Assessment
		Quality of coursework pages.

Spring Term 2A	<p>Introduction to Section D - Development Students will be developing their favourite designs and making models based on feedback from their client and their own testing. All evidence including photos to be added to their digital portfolio.</p> <p>Tinker Cad recap – Students can use TinkerCAD for their designs and development in addition to card/foam models.</p> <p>Introduction to Section D – the 'Manufacturing Specification' slide Students to identify exact materials, dimensions and finishes needed to manufacture their final product.</p> <p>Introduction to Section E – Realising the Design Solution Students will be making their final product using a range of hand tools, machinery and CAM machines. All evidence including photos to be added to their digital portfolio.</p>	Assessment
		Quality of coursework pages.

Spring Term 2B	<p>Continuing with Section E – Realising the Design Solution Students will be completing their final product using a range of hand tools, machinery and CAM machines. All evidence including photos to be added to their digital portfolio.</p>	Quality of coursework pages.
	<p>Introduction to Section F – Evaluation Students will be critically testing and evaluating their final product against their original specification and get feedback from a third party including their client.</p>	

Summer Term	Revision for Summer exam – working through past papers and Seneca quizzes.	Assessment
		Quality of coursework pages.

Useful Resources for Supporting Your Child at Home:	Homework:
AQA Assessment Objectives	Revision for ongoing theory covered in textbooks or on Seneca. Coursework with ongoing deadlines.