

EPCHS Technology Department: Year 11 Programme of Study

Eduqas 3D Design

Year/Term	Unit of work	Intent
Autumn Term one	Initial Assessment	<p>Students will be working on their initial assessment. Following a given design brief the students will start with research of their chosen topic. Completion of work will be undertaken on a given template on PowerPoint.</p> <ul style="list-style-type: none"> • Initial research of the topic chosen. • Creation of initial design ideas – these will be used for experimentation. • Planning of experimentation will be addressed – selection of materials, shapes, sizes, techniques.
Autumn Term two	Experimentation and Making	<p>Students will start their experimenting with materials, techniques, shapes, sizes.</p> <ul style="list-style-type: none"> • Experimentation will take place over several weeks. • Practical skills will be increased. • Working with materials and techniques to assess their designs. • Critical analysis of the experimentation by student, peers, and teacher. <p>Following the experimental stage the students will then take into consideration what they have achieved and engage in further research in order to create their final design.</p> <ul style="list-style-type: none"> • Specific sketches that are detailed – including measurements, materials to be used, shapes, equipment to be selected that will best fit, colours, and vision of how you want it to look. <p>Making of the final design.</p> <ul style="list-style-type: none"> • Making will be independent but under the guidance of the teacher. • Advice will be given throughout to ensure the best materials are selected. • Any challenges will need to be addressed.
Spring Term one	Eduqas Controlled Assessment	<p>Students will have their final design idea and following this they will then need to complete a manufacturing storyboard.</p> <ul style="list-style-type: none"> • Storyboard will be detailed and cover the start to finish of their product • Consideration of any challenges that they came up against. • Photographic evidence of the product being crafted and assembled. <p>Students will have to evaluate their outcome.</p> <ul style="list-style-type: none"> • Detailed evaluation including the comments of themselves, peers, and teachers. • SWOT analysis of the product. <p>Controlled Assessment will be introduced to the students.</p>

		Research, experimentation will be initially carried out. The controlled assessment will take the format of the above assessment.
Spring Term two	Eduqas Controlled Assessment	Making of the designed product will take place over two days – the students will have 10 hours to produce their final practical piece. The 10 hours will be under controlled conditions and will be their external examination. Following the 10 hours the students will then work on the completion of their coursework.
Summer Term one	Eduqas Controlled Assessment	Students will work on the completion of their coursework ready for their deadline which will be three weeks following Easter.
Summer Term two		