

Subject Year Curriculum Overview- Design Technology Yr10 (AQA Art & Design :3D)

	Autumn		Spring		Summer	
	Learning Cycle 1	Learning Cycle 2	Learning Cycle 3	Learning Cycle 4	Learning Cycle 5	Learning Cycle 6
Topic	Materials and their working properties: Tealight holder.		Materials and their working properties: Body adornment.	Extended project 1: Lighting.		Extended project 2: Choice of three independent projects from past exam questions.
Critical Prior Knowledge	Students should have the knowledge to work safely in the workshop, have basic design skills and understanding of different types of woods and plastics. Students will have a basic knowledge of the design process from KS3-Design brief/research/product analysis/specification and designing and modelling from the previous unit of work.		To have an understanding of sketchbook presentation and the work required for each AO in the mark scheme. To be able to work with more independence and confidence in the workshop. To be able to use research to inform ideas.	To be able to work in a variety of materials, techniques and processes with increasing confidence and skill. To be able to critically analyse research and use it to inform own designs. To be able to present creative design ideas that reflect research. To be able to experiment with materials to realise design ideas.		To be able to work independently and confidently to research, design, develop and make final items, using a range of materials, techniques and processes.
Overall Intent (Big ideas and key concepts)	To give students the necessary skills, techniques and knowledge to be able to carry out the Personal Investigation allowing students to demonstrate their understanding of content learned throughout Key Stage 3/4, and enable them to develop this procedural knowledge further through independent study throughout Yr11 for the NEA task (extended project). Focus on teacher led activities that allow students to experience a wide range of materials, techniques and processes leading into making informed choices when designing and making final pieces.			First of two extended projects which allow students to work with more independence to achieve the AO's required for their NEA assessment. Students can now choose materials, techniques and processes that best suit their designs and develop ideas with confidence and accuracy, using previous materials learning. Students should be able to work through each AO with increasing independence building up the skills needed to sit the practical exam in Yr11.		Second extended project which allow students to work with more independence to achieve the AO's required for their NEA assessment. Focus will be on research and initial ideas, with the first term of Yr11 completing this unit.

Essential Knowledge milestones (What students must master)	<ul style="list-style-type: none"> • An awareness of how to independently develop creative ideas in response to a theme. • An understanding of available media, techniques and processes. • How to link ideas to contextual sources. • How to evaluate progress and outcomes. • Understanding of the Assessment Objectives, and where these can be found in own work. • To work with confidence in a wide variety of materials, techniques and processes showing creativity and innovation in design.
Cultural Capital	Research the work of others- Students will be given initial starting points for research for each project but are required to personalise their responses with their own research, both primary and secondary. Students should have the opportunity to experience gallery and location visits for research to inform their own work. The local environment is used as initial starting points to allow all students to have access to obtain a personal perspective for their work, through photos and experiences.
Mode of Retrieval	Questioning/cold calling/show me/tell me/demonstrations/peer to peer work/1-2-1 tutorials/assessments against the AO's in written and verbal feedback.
ECC Student Characteristics	<p>Embrace challenge</p> <p>Reflective learner</p> <p>Creativity</p> <p>Resilient Individuals</p>
Connection to future learning (When is this developed)	<p>Each unit/project is used as the foundation to the next. We start Yr10 with teacher led projects where students are given a clear list of work for each objective, and we work collectively each lesson on specific tasks. As the year progresses the scaffolding starts to be removed with students being able to work at their own pace and uses research and materials that is personal to their own work. Each AO is readdressed with each project, but especially in the two extended projects, where students need to show their ability to work with greater independence and creativity.</p> <p>Students can work in their choice of medium and develop these skills throughout KS4 and into KS5. The course leads on to A Level Art and Design:3D and degree level courses.</p>

/ revisited)?