

Product Design @ WBS Year 11 Roadmap

Subject Aim: The course aim is to assist students to master the skills, knowledge and understanding needed for the AQA GCSE (9-1) in Product Design. The course is structured around the completion of the NEA design task, reviewing theory and exam technique in preparation for the exam.

		NEA	ASSESSMENT IN YEAR 11
AUTUMN TERM	NEA	<p>Students will review design ideas and begin development of these towards a final design solution.</p> <p>Development calls on previously explored practical, research and problem solving skills to produce a fully resolved and highly detailed final design idea.</p> <p>After the final design idea is presented, students produce a plan of manufacture and timescale for their practical outcome. Once confirmed by their tutor, they then begin manufacture of their prototype final outcome.</p> <p>Pupils use lesson time to produce a highly detailed and high quality prototype that responds to the user needs and design requirements.</p> <p>Additional to the practical element, students will begin documenting their manufacturing process.</p>	<p>Examination board: Edexcel</p> <p>Syllabus code: 1DT0</p> <p>Link to examination board: https://qualifications.pearson.com/en/home.html</p> <p>One examination paper lasting 1hour and 45 minutes that tests the knowledge and understanding of Product Design which has been taught throughout Year 10.</p> <p>This will be sat at the end of year 11 (50% of the total GCSE)</p> <p>One piece of NEA which are also completed during Yr. 11 (50% of the total GCSE).</p> <p>A number of mock papers will run throughout the year to consolidate students learning in preparation for their final examination.</p>
	SPRING TERM	NEA	<p>Students will continue to work on the final prototype – with key focuses being quality of outcome, meeting the needs of the prototype and time management. They will aim to complete this within the set time frame and continue to document progress throughout.</p> <p>After completion of the prototype, students will evaluate and conclude their NEA using the previously set out design requirements and recommendations for industrial design and manufacture.</p>
SUMMER TERM	NEA	<p>Attention will now return back to theory work and preparation for the final examination. Revision on all areas covered in Year 10 will commence and a series of past papers will be completed to aid in further revision for the student’s final examination.</p>	<p>REVISION FOR ASSESSMENTS IN YEAR 11</p> <p>Content in the form of revision textbook chapters for each of the theory aspects of the syllabus can be found on Brightspace and is intended to support students when revising for the Brightspace quizzes. Additionally, students are encouraged to produce revision materials after each topic is completed to assist with the revision for their final GCSE examination. To complete their revision materials students can use their exercise books and other websites and the AQA website to view the full specification, students can also view past papers on here to aid their revision.</p>
		ENRICHMENT THEMES IN YEAR 11	
		SMSC and British Values: Please see The Creative Designs Department’s SMSC Document. Throughout	

the course students will discuss various Product Design related careers and what skills are linked to real jobs in the industry. This will be driven by certain aspects of the specification content. Cultural Capital: Cultural Capital: Students will study a wide range of designers from a variety of backgrounds, and will also view and study different social, economic and cultural groups from a variety of backgrounds so that they can be encouraged to emphasise and relate to others demonstrating that they can also achieve their aspirational dreams irrespective of their own background. Extra-curricular lessons will also run every week to help support students with their theory, NEA and practical work and it is essential students use these facilities to reach their potential grades

Where Next?

Final GCSE grades will be released in August.