



Product Design GCSE Curriculum Overview

Rationale: The KS4 curriculum is designed to utilise the skills developed in KS3 therefore ensuring students have the plethora of skills and knowledge to tackle the GCSE specification but more importantly be able to transfer these skills to the world of work. Students will have a wide range of practical ability to tackle a complex product, be able to modify the product for the specific individuals needs and ensure it can be commercially viable.

Term/Length of Time	Outline Students practical and theoretical knowledge of	Assessment/Teacher Feedback Opportunities	Homework and Literacy resources
Y11 September to December	<p>NEA 50% of the overall GCSE grade – assessment began at the end of Year 10. Students work through the design process of designing and creating a solution to the task that was given by the AQA examination board.</p> <p>Researching the task – looking at existing products</p> <p>Researching the consumers needs and wants.</p> <p>Designing and annotating a range of design ideas.</p>	<p>Teachers will not be assessing any work other than mock examinations and the NEA. Students will be given opportunities within lesson to improve upon their work but due to the assessment regulations we cannot provide them with gradings of their NEA.</p>	<p>Minimum homework expectation - to be set on G4S Students throughout year 11 will be expected to remain in line with deadlines that will be issued for each aspect of their NEA.</p> <p>NEA outline from the exam board - https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/specification-at-a-glance</p> <p>Optional homework tasks and Literacy resources Exam preparation https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/assessment-resources</p>
January to April	<p>NEA - Planning and modelling the final product. Students will be working in the workshop to model the concept that they have designed.</p> <p>Final evaluation – evaluating the success of the model and relating this back to the original specification.</p>	<p>Further verbal feedback from staff regarding amendments of students NEA.</p>	<p>Minimum homework expectation - to be set on G4S Continued work on NEA – design and planning work to be completed for Christmas and the modelling plus the evaluation for the Easter holidays.</p> <p>Optional homework tasks and Literacy resources Continued examination revision.</p>

			https://revisionworld.com/gcse-revision/design-technology/gcse-design-and-technology-past-papers-0/aqa-gcse-design-and-technology-past-papers
April onwards until final examination	Exam preparation and Revision – Exam is 50% of their final GCSE grade. Students will use their lesson time to work through exam style questions from past papers. They will have revision lessons on the course content to ensure they are exam ready.	Mock exams will provide teacher feedback on theoretical progress.	Minimum homework expectation - to be set on G4S Exam revision and practice examination papers – https://www.bbc.co.uk/bitesize/examspecs/zby2bdm Optional homework tasks and Literacy resources https://www.bbc.co.uk/bitesize/examspecs/zby2bdm