

Section B—Options Choice Subjects

Design and Technology

The course:

GCSE Design and Technology is a new, inspiring and rigorous course. Using creativity and imagination, students design and make products that solve real and relevant problems within a variety of contexts. Design and Technology develops students' interdisciplinary skills and their capacity for imaginative, innovative thinking, creativity and independence.

Students must show willing to gain knowledge and skills across a range of technological areas including; Resistant Materials, Graphics and Textiles. The new course content suggests students will be assessed on these areas of technology (*However, we are still waiting on a certified specification from the exam boards*)

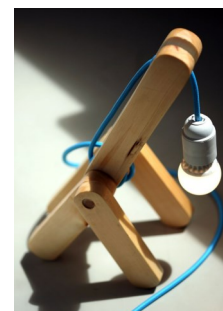
The new GCSE qualification has strong links with Maths and Science, encouraging students to apply their knowledge from these subjects in a practical way to design and make new products for an ever changing world. Students will study a range of materials including wood, metal, plastics, paper, textiles, smart, and modern materials.



They will be given the opportunity to select and use a range of appropriate materials to solve a range of design challenges which are in context to the world around us. Practical work will be used to encourage students to explore materials and processes, they will be encouraged to work independently and take creative risks to design and develop products and prototypes.

Assessment

It has been proposed the qualification will be assessed as;



50% Written Exam – Based on theoretical knowledge

50% Non-Examination Assessment (Detailed Portfolio and 3D product)

It has been suggested that students will be assessed on the full range of material areas. Therefore during years 9 and 10 Textiles, Graphics and Resistant Materials will be studied. We are anticipating that students will be able to specialise in a preferred subject area for their Non-Examination Assessment.

The final award will be: