

Product Design



Exam Board AQA

Qualification GCSE

Aims and Objectives

In Design and Technology, students combine practical and technological skills with creative thinking to design and make products and systems that meet human needs. They learn to use current technologies and consider the impact of future technological developments. They also learn to think creatively and to intervene to improve the quality of life, solving problems as individuals and as members of a team.

Content (Outline of Course)

In Year 10, students will experience a range of design-and-make projects in order to develop the skills and knowledge needed to work on their controlled assignments. The controlled assignments are set by the examination board and students are given a number of design briefs to choose from. This project begins in the second half of the Summer Term in Year 10. Students will also be working on the theoretical aspects of their subject in preparation for the final examination at the end of Year 11.

Assessment

Unit 1: externally set exam (40% of the final grade)
Unit 2: controlled assignment (60% of the final grade)

Careers Guidance

Those students who wish to continue their post-16 studies will be able to follow the AS/A2-Level course in Fashion/Textiles or 3D Design. These could lead on to an art and design foundation course or a degree in their chosen area. Some universities specify an art-based foundation qualification as a requirement for entry so students need to check entry requirements early. Combined with AS/A2-Level studies in Art, students will build up a strong design portfolio to help them to gain entry on to these competitive courses.