

GCSE Design and Technology

GCSE Design and Technology equips students to engage confidently and successfully in an increasingly technological world. They will gain awareness and learn from the wider influences on Design & Technology, including historical, social, cultural, environmental, and economic factors. Students can work creatively and apply their technical and practical skills in designing and making.



This GCSE in Design and Technology enables students to explore fundamental technical, design, and manufacturing principles, including various design processes, material techniques, and equipment. They will also be able to examine specialist technical principles in greater depth. This subject not only leads directly to Product Design A-level but also supports progression to degree level in higher education. It is ideal for students considering BTECs in further education, including Engineering, Business Administration, and Furniture Design. In this branch of Design and Technology, students will learn to cut, join, and finish various materials to a high standard using hand, power, and bench tools. This includes working with wood, metal, plastics, electronic components, cards, and textiles. In addition to exploring traditional areas such as woodwork joints, students will investigate working with metals using heat and pressure, as well as plastics employing adhesives and moulding machinery, sublimation printing, and laser cutting.

Students will study the design process, which provides an excellent framework for guiding their coursework and helping them understand manufactured objects.

Recent successful outcomes that have contributed to achieving a high level of achievement at GCSE include personal items, storage systems, furniture, sports equipment, and audio equipment. Due to the wide range of projects, techniques, & materials, this is a popular subject that appeals to both creative & practical students.

AQA
Questions matter

