

IGCSE Design & Technology

Design and Technology enables students to identify, consider and solve problems through creative thinking, planning and design, and by working with different media, materials and tools. As a result, students gain greater technical and design awareness, while developing skills such as initiative, resourcefulness, enquiry and ingenuity. They also develop the communication skills central to design making and evaluation. IGCSE Design and Technology provides an ideal basis for further study, and prepares students for their future within a rapidly changing technological society.

Scheme of assessment

Paper 1: Design (1 hour 15 minutes)

This compulsory question paper tests Part 1 of the syllabus. Candidates answer one of three open-ended questions which assess their abilities of analysis and synthesis. The range of questions will reflect the breadth of optional content.

Paper 2

Graphic products (1 hour)

OR

Paper 3

Resistant materials (1 hour)

OR

Paper 4

Systems and control (1 hour)

Candidates take **one** of the three optional papers (Papers 2, 3 and 4). Each of these papers has a Section A and a Section B. Section A consists of compulsory questions which test knowledge of the optional subject. Section B consists of longer structured

questions: in Paper 2 candidates choose one out of two questions; in Papers 3 and 4 candidates choose one out of three questions.

Paper 5: Project

Each candidate must complete an individual project which centres on the option they have chosen from Part 2 of the syllabus. Candidates usually work on their project over the final two terms of the course. The project is internally marked and externally moderated.

Although each candidate bases their project on the option they have chosen, the nature of Design and Technology means that each candidate's work is likely to cover content from other options as well. Typically, candidates produce work in the form of an A3-size folder and the 'made product'. If candidates have chosen the Graphic Products option their folder could contain all the preliminary design work, and their 'made product' could be in the form of 2 dimension work and models.

The folder must include sufficient photographs of the made product, showing an overall view together with detailed views of evidence which support the award of marks for assessment criterion 6 'Product realisation'.