

DESIGN AND TECHNOLOGY : PRODUCT DESIGN

Level: AS and A2

Examination Board: Edexcel

Assessment:

'A' level Design and Technology provides an opportunity for students to involve themselves in practical problem solving activities and relate knowledge and skills to that activity. It is inter-disciplinary and student-focused and is designed to be either a complementary subject to Mathematics, Physics or Art or a contrasting subject with English, History, Geography and Modern Languages. It provides the facility to integrate work-related activities and/or links to the commercial and industrial world.

Specification:

This qualification emphasises two key factors- creativity and sustainability. We all want students to explore ideas of originality and value, to question and challenge, to envisage what could be, but equally, we need them to achieve the results which will progress their careers. This new qualification structure allows students to develop a range of skills and outcomes at AS level, which demonstrate their creativity and apply these to a Design and Make project at A2

Course Structure: The Advanced level examination is in two parts:

- Advanced Subsidiary (AS) - 50% of the total award and the foundation for the A2 year.
- A2 - this represents the second half of the Advanced GCE course and contributes the remaining 50%, building on the first year work.

AS will comprise two units:

Unit 1 – Portfolio of Creative n
Skills 60%

Unit 2 – Design and Technology in practice.
(Exam: 40%)

A2 will comprise two units:

Unit 3 – Designing for the future (Exam: 40%)

Unit 4 – Commercial Design (coursework) – Design and Make
(60%)

Requirements:

Students should have achieved a minimum of:

- GCSE grade B in Design and Technology, Resistant Materials or Graphic Products
- GCSE grade BB in Science

Career Opportunities:

Employment opportunities for qualified Design Technologists exist in an ever-increasing variety of areas:
Including

Business,,
Leisure
Consumer Affairs
Interior Designs
Civil Engineering
Building Surveying and Services
Technical Illustrations
Town Planning
ComputerGraphics
ProductDesign
Industrial Design
Graphic Communications
Architecture
Education
Design
Industry
Retailing