

## DESIGN AND TECHNOLOGY

At Queenswood we are pleased to offer a Design and Technology qualification which allows students to specialise in their preferred material area; either Textiles or Product Design.

Our Design and Technology course is engaging and inspiring, and reflects the demands of a truly modern and evolving society. Students will be able to gain awareness and learn from wider influences on Design and Technology including historical, social, cultural environmental and economic factors. They will have the freedom to be innovative with their design thinking and learn how to apply their technical and practical expertise when making. During Year 10, some of the subject knowledge will be taught through practical activities as the ability to make high quality prototypes is an essential aspect of the NEA project.

### The course

Pearson Edexcel GCSE (9-1) Design and Technology (1DT0) comprises two components:

#### Component 1: Externally examined paper

##### Section A: Core (all students) and Section B: Material categories (1DT0/1E Textiles or 1DT0/1F Timbers)

- Written exam 1 hour and 45 minutes in length, taken at the end of Year 11.
- Weighting 100 marks, 50% of the overall GCSE marks.

#### Component 2: Non-Exam Assessment (NEA)

##### Testing students' skills in investigating, designing, making and evaluating a prototype of a product

- Project: Students will undertake a project based on a choice of six contextual challenges released by Edexcel on 1st June of Year 10. The project comprises of a concise portfolio of written and design work and a prototype. The project will be internally assessed and externally moderated.
- Weighting 100 marks, 50% of the overall GCSE marks.

### Career Progression

GCSE Design and Technology is an ideal introduction for students wishing to undertake further study at A Level in 3D Design or Textiles as well as Product Design, Interior Design, Fashion or Architecture at university. It is also well regarded as a complementary subject by admissions tutors at universities for a wide range of subjects.

Due to the specialised subject knowledge and practical skills gained in the course, we strongly advise students to have studied Design and Technology if they wish to take A Level.