

KS5 Design & Technology Curriculum overview

Course Title: **A Level Art & Design 3 Dimensional Design : Product Design H605**

Course Title: **A Level Art & Design Textiles : Product Design H604**

There is a choice of two A level courses in Design & Technology. Students will opt for the course that is most appropriate to further their studies of the specialist material area followed at GCSE. The courses have been chosen to allow the students to develop their skills, creativity, imagination and independence based on personal experience, taught skills and critical understanding.

Students will have 9 timetabled and 1 study period in each 2 week timetable session throughout years 12 and 13.

The aims and learning outcomes for these qualifications are to enable learners to develop:

- Intellectual, imaginative, creative and intuitive capabilities
- Investigative, analytical, experimental, practical, technical and expressive skills, aesthetic understanding and critical judgement
- Independence of mind in developing, refining and communicating their own ideas, their own intentions and their own personal outcomes
- The experience of working with a broad range of media
- An understanding of the interrelationships between art, craft and design processes and an awareness of the contexts in which they operate.

A level Product Design course requirements GCSE in any D&T course level 5 or higher

There are two forms of assessment for this course:

Component 01 : Personal investigation.

This component is a non-exam assessment. It is worth 120 marks and contributes 60% of the overall A level.

Students will produce two elements in response to a context : a design folder leading to a practical outcome and a related study. The related study should consist of a minimum of 1000 words.

For this component the students will complete work that often takes the form of a Design folder supported by modelling and a final piece of 3 Dimensional practical work. Work produced will be aimed at the Assessment objectives and demonstrate that they have researched and responded to designers/inventors relevant to their theme. Their work will be supported by an in-depth study of their chosen designer/inventor.

The A level offers students the opportunity to explore Product design and designing in-depth. They will develop their own ideas responding to areas of their own personal interest. The students will develop their skills in the use of Computer Aided Design and Manufacture (CAD/CAM). They will be expected to be highly motivated and have the ability to work both collaboratively and independently.

Component 02 : Externally set task

This component is a non-exam assessment. It is worth 80 marks and contributes 40% of the overall A level.

A range of themes will be issued by the exam board on 1st February in year 13. It will provide a range of themes each with written and visual starting points, a brief and stimuli. One option will be chosen on which the candidate would base their response.

Once the themes are available the students will select a title/starting point from which to develop ideas. They will have time to produce preparation work that satisfies the first 3 AO's . The preparation work is worth 30% of the marks awarded for this unit. Candidates will then complete their task over a set period of 15 hours of supervised time. The focus of the 15 hours is AO4.

Both components are assessed using the same four Assessment Objectives (AO)

AO1 Develop ideas through focused research and investigations.

AO2 Explore and select appropriate resources and materials

AO3 Record ideas and observations through sketching, formal drawings and Computer-Aided Design

AO4 Present a final outcome developed from work carried out for the other AO's

Each element of the course will be submitted for assessment in May of Year 13