Art & Design: 3D Design A Level

The WJEC syllabus encourages a broad approach that allows students to develop a sound grounding in several 3D areas. It is a very flexible course in terms of outcomes as it is able to accommodate particular areas of interest that you as a student may wish to pursue.

A GCSE Design & Technology grade 4 pass (or equivalent Art, Design & Technology Subject) is required for taking the A Level course, however students that can demonstrate the necessary skills will also be considered.

The main skills developed through this course include:

- Practical skills using a range of manufacturing techniques and a variety of materials.
- How effective design solutions influence the lives of users.
- Research, analysis, discussion and evaluation of design techniques and products.
- Organisation, selection and communication of ideas, solutions and responses are presented using appropriate presentation techniques.
- The development of specialist terminology related directly to design processes.

You will need to spend a minimum of 5 hours per week of lesson time, independent study tasks and potentially additional workshop time when working within Design. You will be expected to take part in at least one primary research visit that will be organised in Year 12. You will need to seek opportunities to broaden your knowledge and understanding of 3D Design through visits to exhibitions and the purchase of specialist materials will be necessary throughout the course. £20 is required by every student to contribute to the overall cost of materials used within each A Level ADT option. This is due to a number of expensive materials being used in all areas across the 2 years of the course.

COURSE STRUCTURE

Year 1   Mini Units - Skill building through a series of Mini Projects which
                              includes a variety of practical knowledge & design
                              techniques.

                 Coursework - Beginning the Personal Investigation Project

Year 2   Coursework - Continuing with the Personal Investigation Project

                 Exam Unit

CAREER OPTIONS

 Career paths linked to 3D Design include:

- Furniture Design
- Product Design
- Industrial Design
- Jewellery
- Craft eg. Blacksmith/stained glass/ceramics
- Interior Design
- Theatre & Prop Design
- Architecture
- Engineering
- Pattern Cutter
- Carpentry/Joinery

ENTRY REQUIREMENTS

A GCSE Design & Technology grade 4 pass (or equivalent Art, Design &
Technology Subject) is required for taking the A Level course, however students
that can demonstrate the necessary skills will also be considered. An introductory
task will be set on sign up day involving research, critical analysis work,
observational drawing and/or making tasks that will allow staff to assess the
commitment, skill base and suitability of students applying for their courses.

For more information, help or advice about 3D Design A level contact:
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