

Product Design

A Level

Exam Board: AQA

Subject Specific Criteria:

- **Grade 4** or above in Maths (grade 5 preferable due to rigorous functional maths content) and English Language.

Units Studied:

- **Paper 1 – Technical Principles**
(2 ½ Hr Exam) 30% of A Level
- **Paper 2 – Designing & Making principles**
(1 ½ Hr Exam) 20% of A Level
- **Non-exam assessment** – Practical application of technical principles, designing and making principles.
(Coursework) 50% of A Level.

Course Information:

Designed to give students the practical skills, theoretical knowledge and confidence to succeed in many careers. Especially those in the creative and engineering industries. Topics studied include; Influences on designing, research, materials technology, manufacture processes, the consumer, market forces, and the environmental impact of such products.

Skills Required:

- Ability to meet deadlines for coursework submission.
- Carry out rigorous investigations into products and materials.
- Have an interest in materials technology.

Futures:

The course equips students with a methodical approach to problem solving and furnishes them with practical knowledge and skills which will be crucial in a fast-developing technological world. It also reflects an ability and determination to turn an idea into reality. An A Level in Product Design can lead to Further Education courses in Design and/or Engineering disciplines and is highly respected as a rigorous qualification with employers.

Subject Enrichment:

Opportunities to enter the Arkwright Engineering Scholarship which is one of the most prestigious



of its type in the UK.

Quote

“Product Design helps to build your practical abilities as well as your creative abilities. It makes you think about problems and solutions. The best part of this course is the freedom of choice – you design and create a product for a problem which you identify.”

- Matthew Smith, Year 13