

DESIGN AND TECHNOLOGY: PRODUCT DESIGN

Examination Board: AQA

Why study Product Design?

This creative and thought provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers, especially those in the creative industries. Students investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing prototypes of their choice.

Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.

Where does it lead?

This course gives an excellent foundation that could lead to further study and careers in many traditional fields such as engineering, architecture and product design and also emerging technologies such as robotics, AI, 3D printing and autonomous vehicle design and production.

Course Content

The course includes study of the following:

- Digital design and manufacture
- Material classification, performance and applications
- Processes and finishes
- Modern industrial and commercial practice
- Design theory and the work of specific designers
- Human responsibility in design
- Enterprise and marketing

Course Assessment

The assessment of this course consists of two written examinations and a practical project.

Written examinations:

- Paper 1 – Technical principles - 2.5 hours, (30%)
- Paper 2 – Designing and making principles - 1.5 hours, (20%)

Non Examined Assessment (NEA):

A substantial design and make project: practical application of technical principles and designing and making principles (50%)

**For further information, please
contact Miss Bigwood or Mr Fawcett**

