Why Choose GCSE Product Design?

Product Design will give you a unique opportunity to identify and solve real problems in a wide range of contexts relating to your personal interests. 'Designing' will develop your capacity for imaginative and innovative thinking, allowing you to identify and respond creatively to the needs and wants of the end user. By demonstrating 'fitness for purpose', you will be able to understand the importance of testing and evaluating your ideas. 'Making' will allow you to develop your practical skills and work independently to deadlines to produce a final portfolio of work.

In an increasingly technological world you will be introduced to the wider influences on design and technology including historical, social and cultural, environmental, and economic factors. You will also experience the variety of roles involved in design and technology, from client through to end user.

If you enjoy designing things and working with a range of materials then you will enjoy this course. You need to enjoy taking part in practical lessons and be able to research ideas on your own. This course is suitable for girls as well as boys.

At **Alun School,**
our experienced teaching team provide expert guidance and tuition.

GCSE Product Design

Assessment Information

Examining Board: WJEC   Accreditation: GCSE Grades A* - G (single tier entry)

Assessment:
Unit 1: Product Design Written Paper - 2 hour written examination that makes up 50% of qualification.
Unit 2: Product Design Task - you will complete a major design and make project for the remaining 50% of qualification.
Part A: you will need to carry out an analysis of the problem, write a design specification, generate a range of ideas, develop a solution and produce the details of the final solution. (10 guided hours)
Part B: you will plan the making process, carry out the making and evaluate the project. (20 guided hours)

Who is suitable for this course?

This course is equally suited to boys as it is to girls. If you enjoy designing and making things then this is the course for you. You will be allowed opportunities to work individually and as a team and the products that you design and make should improve the environment in which you live.

Why should I take this course?

You should also enjoy or wish to develop your communication skills as design is all about communicating your ideas. This can be done not only by sketching and drawing, but also through modelling, discussion and the use of Computer Aided Design.

GCSE Product Design will give you an excellent grounding for multiple career opportunities:

Product Design   Architecture   Furniture Design   Manufacturing and Engineering   Food Product Design   Teaching   Automotive Design   Interior Design   Interior Design   Industrial Design

Future Options

After studying GCSE Product Design you could:

Study Advanced Product Design in the Sixth Form;

Study for a degree in a design and technology-related course or other subject at university;

Apply for an apprenticeship;

Get a job in the design and technology sector.

For Further Information

Please contact the Design Technology department.