

# Product Design

AQA

## Why study this subject at Hayesfield?

At Hayesfield you will use state of the art facilities combining CAD/CAM, 3D printing with more traditional tools and techniques. You will benefit from a teaching approach that embeds theory from the outset so that you are supported in making fabulous products that showcase your design skills.

Investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put your learning into practice by producing wonderful products of your choice. You will use creativity and imagination to design and make prototypes that solve real and relevant problems, considering your own and others' needs, wants and values, and gain a real understanding of what it means to be a designer.

## Course content

Technical Principles.  
Designing and Making Principles.  
Specialist knowledge,

## Assessment

50% Examination.  
50% Design Portfolio.

As one of the James Dyson Foundation Bath Partnership Schools, we have direct links with up-to-date industrial practices and access to state of the art equipment, alongside teachers with real industry experience.

## Entry requirements and subject specific skills

Grade B/Grade 6 in GCSE Design and Technology.

Grade 5 in Maths and two Grade 4s in Science.

### This subject works well with

A wide variety, in particular Maths, Physics, Business and Art.

### Extra/Super curricular activities

Trips to design events such as the Design Museum and Dyson.

Opportunities to visit Dyson Malmesbury and to work with their young engineers.

## Future Pathways

With an A Level in Product Design you will be able to advance into a range of disciplines where there are currently National skills shortages, such as engineering and product design based careers.

## Recent exam success

50% A\*-A.

67% A\*-B (compared to 41% A\*-B Nationally).