

**Overview:****OCR A Level Design & Technology: 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. They will investigate historical, social, cultural, environmental, and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing products 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.

Expectations:

A Level Design and Technology: Product Design requires students to engage in both practical and theoretical study. This specification requires students to cover design and technology skills and knowledge as set out below. These have been separated into:

- Principles of Product Design (01)
- Problem solving in Product Design (02)
- Iterative design project (03/04)

The final grade is determined from the iterative course work weighted to 50% and two exams both making up the other 50%

Some of the theoretical knowledge is expected to be gained through private study. Students will be given individual assignments that will contribute to a knowledge base for all students. Students will on occasion be expected to present their findings to the rest of the group.

Extra-Curricular Activities / Independent Learning Opportunities:

After school and lunch-time clubs will be available to enable students to learn and explore skills that can be used to enhance and extend their learning.

Career Pathways:

A qualification in Product Design can create pathways in a vast number of creative industries. Students learn critical skills and produce a detailed portfolio. This qualification can lead to careers in architecture, interior architecture, interior design, product design, graphic design, branding, web design, app designer, furniture design, and many more. Increasingly, product designers are also involved in how businesses offer their services to the public.

If you can mix your creative skills with a logical approach, this course might suit you well.

A Level Product Design can lead on to degrees in design, engineering, and architecture

Student Testimonials:

The opportunity to use advanced 3D, CAD, and 3D printing has been really fun. The chance to explore and design our own product design ideas.