

QUEEN'S GATE SCHOOL

PRODUCT DESIGN

A-LEVEL GUIDE



WHY CHOOSE PRODUCT DESIGN?

If you enjoy designing, making things, using both your mind and your hands, are curious about how and why the products we use everyday work, and dream of improving them for the future — then Product Design is the course for you.

If you like Science and Mathematics as well as design and believe you can combine these interests to create new, innovative products that could change people's lives — then Product Design is the course for you.

If you're a creative individual who wants to design and make unique products for yourself, your friends, or the wider community — then Product Design is the course for you.

If you're planning to open your own design business one day...

If you're inspired by great designers and hope to join their ranks...

If you're looking for an exciting and challenging career in one of the world's largest and most influential industries...

If your answer is yes to any of the above, then our OCR A Level in Product Design course could be the perfect choice for you.

A LEVEL COURSE CONTENT

The A-LEVEL Product Design course is broken into two distinct study areas:

1: NEA – Non-Examined Assessment: ‘The Iterative Challenge’ - coursework worth 50% of the final mark.

2: Design Technology / Product Design theory: two written theory exams:

a: Principles of product design — 26%

b: Problem solving in product design — 24%

Students individually explore their ideas using mind maps, open discussions, and stakeholder feedback to develop a self-inspired NEA project. They create sketches, models, CAD drawings and prototypes using technology available at Queen’s Gate such as 3D printing and laser cutting.

SUPER CURRICULAR OPPORTUNITIES

- After-school Product Design clinics on Tuesday & Thursday | 6:00–17:00.
- Educational trips to design museums and exhibitions.
- Encouragement to visit the V&A, Design Museum, and other nearby creative venues.

CAREER PROGRESSION

Possible university courses: Fashion Design, Art & Design Foundation, Product Design, Fashion Studies, Fashion & Business, Interior Design, and Architecture.

Possible careers include: Product Designer, Interior Designer, Fashion Designer, Textile Designer, Architect, and Design Journalist.

ENTRY REQUIRMENTS

Five GCSEs at grade 5 or above, including English Language at grade 6 or above. Students will benefit from having a GCSE in Design and Technology and/or any other Design or Art subject at grade 5 or above. IB or BTEC Distinction in Art and Design is also acceptable. We request to see portfolio evidence of a student's drawing and making skills.

CONTACT

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