Product Design

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Key topics covered

Paper 1

Technical principles.

Paper 2

Designing and making principles.

Section A: Product Analysis:

Section B: Commercial manufacture:

Non-exam assessment (NEA)

Practical application of technical principles, designing and making principles.

This is a substantial design and make project. With a written or digital design portfolio and photographic evidence of final prototype.

This equates to 50% of the A level.

Recommended Textbook and/or resources

AQA AS/A-Level Design and Technology: Product Design. Will Potts, Julia Morrison, Ian Granger, Dave Sumpner

The Design of Everyday Things

Sprint: How to Solve Big Problems and Test New Ideas in Just Five Days

The Art of Innovation

Why Study the Subject/what students Like about it

A Level Product Design enables you to Explore materials, Analyse the work of famous designers and Learn computer aided design and manufacturing skills used in industry. You'll develop your creativity and technical expertise to turn your ideas into real, marketable products. You will learn how to identify market needs and opportunities for new products, initiate and develop design solutions and make and test prototypes/products and be able to combine an understanding of materials and manufacturing processes with your own creative visions by taking charge of the design process.

Opportunities outside the classroom

Talks from external providers on university courses, subject content or career prospects

Links to employers and virtual work experience

Future progression/career routes

Industrial Product Design / Interior Design / Architecture / Design and Marketing / Product Development / Pathways to Teaching and Lecturing.

