



Subject	Year	Specialism
Design and Technology	Year 13	Product Design

Project

A Level Exam Preparation

Content (Intent)

Prior Learning: KS4 Theory – Y12 and Y13 Mock Exam prep

Important – this content is taught throughout the 2 year A level course in timetabled theory lessons. It is then revised once the NEA project is completed.

Designing and Making Principles content includes:

- Accuracy in design and manufacture
- Critical analysis and evaluation
- Design for manufacture and project management
- Design influences, styles and movements
- Design methods and processes

- Design processes
- Designers and their work
- Major developments in technology
- National and international standards
- Product life cycle
- Responsible design
- Selecting appropriate tools, equipment and processes
- Social, moral and ethical issues
- Socio-economic influences

Future Learning – A Level Summer Exams – Degree and apprenticeship knowledge

How will knowledge and skills be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
<p>To teach the content the following strategies are used:</p> <ul style="list-style-type: none"> • Teacher led lesson content • Independent learning tasks • Group discussion/debates and questioning • Using product design terminology • Reference to design examples throughout 	<p>Assessment</p> <ul style="list-style-type: none"> • End of topic assessment • Past Paper responses and essays. Marked and feedback given. • Verbal responses. Individual and class feedback given. • Key term tests

How can parents help at home?

- Discussing ideas and content at home & linking it to products that they know
- Watch any topical films or documentaries that link to design

Helpful further reading/discussion (including Reading and Vocabulary Lists)

<p>Reading</p> <p>A Level AQA Revision Notes Text Book Balcarras Product Design Pages Mrs Swanepoel YouTube Revision Videos https://www.technologystudent.com/</p>	<p>Vocabulary</p> <p>A huge amount of subject specific vocabulary could be listed here!</p> <p>Please check out the AQA A Level Product Design spec and the VLE pages for lists ☺</p>	<p>Careers Links</p> <p>Product Design Graphic Design Furniture Design Careers in Engineering (Design Engineering, Mechanical Engineering Project Management Art and Design careers</p>
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