

# KS5 Y13 A LEVEL CURRICULUM OVERVIEW

## SUBJECT: PRODUCT DESIGN

**AUTUMN TERM**  
Major Project - NEA

### Topics covered

A02 Section C – Development of design proposal(s) (25 marks)  
Generate design proposals that consider design brief and specification.  
Design proposals should reflect on first concepts and may use a variety of media in the development of a prototype that can be manufactured by the student. Modelling is essential.  
Produce a comprehensive and fully detailed manufacturing specification.

### Assessed on

Section C – Development of design proposal(s) (25 marks)

**AUTUMN TERM**  
Theoretical Principles of Product Design

### Topics covered

What is Good/Iconic Design  
intro to Iconic' design  
Bauhaus Modernism vs Memphis Post modernism  
Post modernism Blobism  
Dieter Rams rules of good design

### Assessed on

'Good answers' – what is a good answer analysis/technique  
Examination style questions  
Mock exam  
Home learning tasks  
Quizizz

**SPRING TERM**  
Major Project - NEA

### Topics covered

A02 Section D – Development of design prototype(s)  
Manufacturing a prototype using all, tools machines and equipment to a high level.  
On-going development related to the design proposals.  
On-going testing and evaluation

### Assessed on

A02 Section D – Development of design prototype(s) (25 marks)



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## SUBJECT: PRODUCT DESIGN

**SPRING TERM**  
Theoretical Principles  
of Product Design

### Topics covered

Technology and cultural changes  
Developments in technology over time  
Product Life Cycle  
National and international standards in product design  
Protecting designs and intellectual property  
Revision Preparation

### Assessed on

Examination styles questions  
Quizizz/Socrative/  
Home learning tasks

**SUMMER TERM**  
Major Project - NEA

### Topics covered

A03 Section E – Analysing and evaluating  
On-going analysis and evaluation that informs the manufacture  
of the prototype. Testing and fitness for the needs of the client/user.  
Critical analysis of the final prototype.  
Modifications and improvements including consideration of levels  
of production.

### Assessed on

A03 Section E – Analysing  
and evaluating (20 marks)

**SUMMER TERM**  
Theoretical Principles  
of Product Design

### Topics covered

Practice - Detailed product analysis Exam preparation  
Exam preparation – MATHS/SCIENCE

### Assessed on

Examination style questions  
Mini mocks  
Home learning tasks  
Quizizz

