



St Paul's Catholic School

A LEVEL PRODUCT DESIGN

Entry Requirements: Generic A-level entry requirements including English Language and Product Design if studied at GCSE Level.

This qualification is linear. Linear means that you will sit all your exams and submit all of your non-exam assessment at the end of the course.

What's assessed in Year 12?

Practical application of technical principles and designing and making principles.

How it's assessed?

Single design and make project. **Context** set by AQA.

80 marks **50% of AS**

What is involved in the coursework?

Designing and making principles

Iterative design process.

Students should be aware of, and able to explain, different approaches to user centred design. That in approaching a design challenge there is not a single process, but that good design always addresses many issues, including:

- designing to meet needs, wants and values
- investigations to inform the use of primary and secondary data:
- the development of a design proposal
- the planning and manufacture of a prototype solution
 - the evaluation of a prototype solution to inform further development

What is involved in the exam?

Technical principles

Written exam: 1 hour 30 minutes 80 marks 50% of AS Questions

Short answer and extended response.

What is assessed in Year 13? This qualification is linear. Linear means that students will sit all their exams and submit all their non-exam assessment at the end of the course.

Subject content

What's assessed Technical principles

How it's assessed Written exam (1): 2.5 hours 120 marks 30% of A level Questions Mixture of short answer and extended response.



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PLUS

What's assessed Designing and making principles

How it's assessed

Written exam (2): 1.5 hours 80 marks 20% of A-level

Questions

Mixture of short answer and extended response questions.

Section A:

Product Analysis: 30 marks

Up to 6 short answer questions based on visual stimulus of product(s).

Section B: Commercial manufacture:

50 marks Mixture of short and extended response questions

PLUS

What's assessed Practical application of technical principles, designing and making principles.

How it's assessed Substantial design and make project

100 marks 50% of A-level

Evidence Written or digital design portfolio and photographic evidence of final prototype

For Further information, please contact Mr Gillespie