

# A LEVEL

## PRODUCT DESIGN

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Exam Board: AQA	Course Code: 603/1133/2
<b>Entry Requirements:</b> Average of grade 5 or higher across all GCSE exams including a minimum grade of 5 for English and Maths. Grade 5 in GCSE DT	

### Course Summary:

“This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries.

They will **investigate** historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing **prototypes** of their choice.

Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.”<sup>1</sup>

1, <https://www.aqa.org.uk/subjects/design-and-technology/a-level/design-and-technology-product-design-7552/subject-content/technical-principles>

### Skills:

- Problem solving
- Analysing and evaluating
- Engineering
- Task focused
- Designing
- Drawing
- Modelling
- Computer graphics
- Safety
- Tools use: Machine and hand
- 3D printing, laser cutting

### Assessments:

2 x exam papers plus Non Exam Assessment (NEA)

**Paper 1:** Technical Principles

Percentage of A Level: 30%

Time: 2 hours 30 minutes

**Paper 2:** Designing and making principles

Section A: Product Analysis

Section B: Commercial manufacture

Percentage of A Level: 20%

Time: 1 hours 30 minutes

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**NEA:** Practical application of technical principles, making and design principles.

**Assessment:** Substantial design and make project with written and photographic evidence.

Percentage of A Level: 50%

**This course is suitable for students who...**

Self-motivated and disciplined individuals with a desire for problem solving. Must be happy to get their hands dirty and work hard.

**Future careers:**

Engineering, Product Design, Civil Engineering, Set design, Fashion Design, Spatial and interior design, Graphics designer, Automotive engineering, Experience Designer

