



Prince Henry's  
Grammar School

**SIXTH FORM**

# Product Design

**Course Leader:** Mrs J Wilkes

## Why Study Product Design?

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 highly sought after Science, Technology, Engineering and Mathematics (S.T.E.M) and creative industries.

Students 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.

## Course Content and Assessment

### A Level Subject content:

1. Technical principles
2. Designing and making principles



## Assessments

- Paper 1: Technical principles (written exam 2.5hrs) - 30% of A Level
- Paper 2: Designing and making principles (written exam: 1.5hrs) - 20% of A Level. Mixture of short answer and long response questions.  
Section A: Product Analysis (up to 6 short answer questions based on visual stimulus of product(s)).  
Section B: Commercial manufacture (mixture of short and extended response questions).
- Non-exam Assessment: Practical application of technical principles, designing and making principles (substantial design and make project) - 50% of A Level.  
Evidence: Written or digital design portfolio and photographic evidence of final prototype.

## Progression Routes

Product Design is an excellent qualification in its own right. It can also be used as a stepping stone into Higher or Further Education to study the many and varied subjects within areas such as Industrial Design, Graphic Design, Web Design, Architecture, Arts or Engineering courses and many others.

## Entry Requirements

Students should have completed a GCSE Design and Technology course, attaining grade 5 or above in any area of the subject. Candidates may also be considered without prior experience if they have achieved acceptable grades in GCSE Maths, English and Science.