



LAWNSWOOD  
SCHOOL



## Lawnswood School

### A-Level Product Design

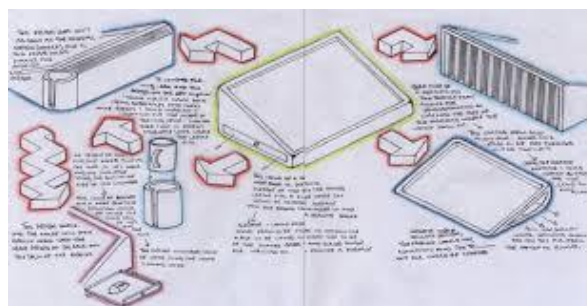
We are delighted you have chosen to study Product Design A Level with us!

We are with the exam board AQA. The AQA website has more detailed information on the course.

The exam board specification - <https://www.aqa.org.uk/subjects/design-and-technology/as-and-a-level/design-and-technology-product-design-7552/specification-at-a-glance>

A-level Design and Technology: Product Design requires students to engage in both practical and theoretical study. This specification requires students to cover design and technology skills and knowledge as set out below. These have been separated into:

- technical principles
- designing and making principles.



## Course Specification

- Course time – 2 years
- Exams
  - Paper 1 – 2 hours 30 minutes – 30% of your overall grade
  - Paper 2 – 1 hour 30 minutes 20% of your overall grade
- NEA – similar to your GCSE format but slightly more detailed. You create/investigate a problem – 50% of overall grade

### *Year 12 Course Content*

- Sketching skills
- Short practicals to address any weaknesses in your abilities
- Google Sketch up
- Fusion360
- Revisit GCSE theory (keep you books)
- Exam preparation
- Begin to think of a problem to solve (Easter time)
- Start NEA

### *Year 13 Course Content*

- NEA – Easter deadline
- Practical for NEA
- Revisit exam theory and past papers

## Trips and Residential

We are planning on running two trips for A level students this year :  
the exam content:

Triumph Factory Tour



Hope Factory Tour



## What can I do to get me started?

Practice your weaknesses. This could be looking through your GCSE exam theory content, practice some sketching or modelling. Download Google Sketchup or Fusion360 and use the tutorials available on-line. These will be visited during the course but it always helps to get a head start.

**Some links that will prove useful:**

- [•Design Technology Student \(Content\)](#)
- *A useful site that covers all the theory content for the exam including revision worksheets/ exercises.*
- [•BBC Bitesize](#)
- *A useful site that covers all the theory content for your exam.*
- [•How Stuff Works](#)
- *A collection of video resources. Just type in the search bar an area you would like to learn more information on.*
- [•How it's Made](#) (Youtube Channel)
- *A collection of informative resources. Just type in the search bar at the top of an area you would like to learn via a video*