

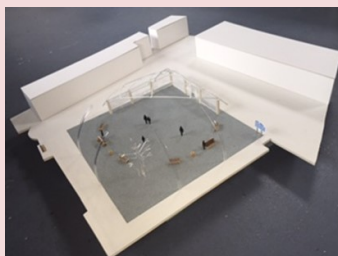


### Overview:

Year 12 A 'Level D&T Product Design — taught in specialist technical workshops and ICT suites.

The initial focus this year is to develop your GCSE knowledge and skills to a greater depth. Particularly with regard to technical knowledge and your ability to discriminate and justify choices.

Later in the year we will begin working on your coursework (NEA / Non-Examinable Assessment). Your A'Level is 50% NEA and 50% Exam.



# Year 12

## A' LEVEL PRODUCT DESIGN

### Term 3:

This term we will continue to develop CAD/CAM skills, and also we will begin your NEA.

There is no set theme for your NEA. You will choose your own context and develop your own design brief.

Homework will continue to look at exam questions and exam technique. This will be reviewed in the classroom.



### Term 1:

Your year begins with looking at main materials and processes with regard to: Woods, Metals, Plastics, Textiles etc. Sometimes through theory research, others through practical experiment.

Also you will look at Designers and Design Movements and consider the factors influencing the development of products.

Alongside this you will carry out some focused practical tasks to refine your making skills and also a Design and Make project.

Homework will cover additional theory, refresh things already learned and begin to look at exam questions.



### Term 2:

This term you will look in more detail at the performance characteristics of a range of materials. Also at alternative methods of joining materials permanently and semi-permanently.

Computer Aided Design and Manufacturing will play a large part of your skill development, and run into Term 3.

Alongside this you will carry out some focused practical tasks to refine your making skills and also a Design and Make project — manufacturing an architectural model.

Homework will be looking at exam questions and exam technique. This will be reviewed in the classroom.