

GCSE TECHNOLOGY AND DESIGN

EXAMINING BOARD: CCEA

Course Content:

Technology and Design is a subject which involves an interest in developing ideas, using energy and control, manufacturing in a variety of materials and employing specialist ICT packages.

You will study ...

- Computer Control Systems
- Pneumatic Systems and Control
- Manufacturing
- Mechanical Control
- Electronics

You will be assessed in the following way ...

COURSEWORK: 60%

- *Design Assignment:*
(15 hours controlled conditions) 20%
- *Design Portfolio and Manufactured Piece:*
(20% Design Portfolio and 20% Manufacturing)..... 40%

TERMINAL EXAMINATION: 40%

- *Technology & Design Core:* 1 hour
- *Specialist Option:* 1 hour

Future Prospects:

GCSE Technology and Design provides an excellent starting point for further study and a wide range of careers. Depending on a strong result all students who complete this course will be eligible to enter the AS and A Level Technology & Design course delivered here at the College. For students who do not wish to do this Technology and Design leaves them with skills which could help them to get employment in a wide range of careers from construction and manufacturing to design based work.

An interest and ability in this subject is useful for the individual considering the following range of careers: Designer, Electrician, Engineer, Draughtsman/Woman, Software Engineer, Architect, Manufacturing, Assembler, Graphic Designer, Technician, etc.

