DESIGN & TECHNOLOGY

GCSE Course Title	Code	Awarding Body
Design & Technology	J310	OCR

Unit	Code	Method of Assessment	Weighting
Principles of Design and Technology	J310/01	Examination	50%
Iterative Design Challenge	J310/03	Design Folder + Product/Prototype Internally assessed, externally moderated	50%

Background Knowledge and Qualifications

Design and Technology projects undertaken since Year 7 should have provided you with sufficient background knowledge for this course to be successfully undertaken.

Course Description

This course is an extremely interesting option that will allow you to work in a wide range of materials to design and make innovative products, providing you with a broad base of skills that will prove useful within your other GCSE subjects, as well as your future education and careers.

Work will consist of related theory, relevant demonstrations and practical tasks connected to specific areas of study. Presentation and graphical techniques plus model making, CAD/CAM and ICT will be learnt and play an important part in this subject, being used where relevant within the Iterative Design Challenge.

You will be expected to design and make innovative prototypes from a given context using a combination of materials. The making will take the form of a model, a prototype or a fully functional product.

You will work from a context to produce 'live' portfolio briefs, where a genuine need or situation has been identified, explored, and overcome within the boundaries of this course. Where possible you should include input from an outside source e.g. Manufacturer, Designer or any other relevant sector of industry/ commerce.

Design and Technology is a good option to choose for someone with sound design and make skills. Those with graphical and presentation abilities who can communicate their ideas using a variety of media should do well within Design and Technology.

The Iterative Design Challenge counts for 50% of the total GCSE mark; this is split between the design folder and the product/prototype that is made. The Iterative Design Challenge is internally assessed and externally moderated by the Examination Board.

The final examination, entitled Principles of Design and Technology, is allocated 50% of GCSE marks.

Use of Course and Qualification
Higher Education institutions view the subject very favourably as it indicates curricular diversity and an ability to use a wide range of skills. Girls who study Design and Technology can progress further to careers in engineering, design, architecture etc. providing an excellent balance of creative studies with some of the more theoretical subjects offered.