Product Design

Course Summary
Product Design students study a wide range of materials, manufacturing techniques and processes, to develop a good understanding of how designers and makers work in the real world.

Why study this subject?
If you are interested in working in design, engineering, architecture or many other creative areas then Design & Technology will help you to develop the skills you need.

What happens in lessons?
Through the AS and A Level course you will build on the skills developed at GCSE applying these to a real world problem and creating an innovative prototype/model or final product: this is done using hand tools and traditional machines as well as Computer Aided Design and Manufacturing processes including 3D printing and Laser cutting. The lessons will be delivered by Mr Downing and Mrs Jones.

Course Assessment
Exam 50%:
Core Technical Principals (Materials, Processes, Product Development and Digital Technologies)
Non-Examined Assessment (50%)
Substantial Design and Make task (Identifying a project, designing, making and evaluating a prototype)

What to do afterwards
Career Opportunities include:

Reading around the subject
- Making it Manufacturing Techniques for Product Designers. By Chris Lefteri
- Sketching: Drawing Techniques for Product Designers. By Koos Eissen

Entry Requirements:
Grade 5 or above In GCSE Design and Technology and Maths is desirable

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