A Level Design and Technology

WHY DESIGN AND TECHNOLOGY?

'Design and Technology is about making things that people want and that work well. Creating things is hugely exciting: it is an inventive, fun activity.' James Dyson.

This subject will provide you with opportunities to develop your practical skills, knowledge and understanding of the way products are designed, made and manufactured. The subject requires initiative, creativity, determination but, most importantly, the desire to develop even better solutions to meet the needs of customers.

The skills with which Design and Technology will equip you are highly sought after in the world of work and University. The course will prepare you for opportunities in:

- All Engineering courses
- Architecture
- Education
- Ergonomics
- ICT Courses (CAD/CAM)
- Management
- Manufacturing
- Product Design
- Urban/Regional Planning

SPECIFIC ENTRY REQUIREMENTS

- Students must achieve a minimum of 4 GCSEs Grade A*- C plus English Language and Mathematics at a Grade 4
- Grade B or above in GCSE Design and Technology: Product Design, Resistant Materials or Graphic Products, Electronic Products and Systems and Controls
- Mathematics Grade 5

COURSE DETAILS

You will study four Units as follows:
- Materials, Components and Applications
- Learning Through Designing and Making
- Design and Manufacture – Examination
- Design and Making Practice

The course is assessed through an evaluation of coursework and exam.

For more information please visit:
www.madeleyacademy.com

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