



# The Ridgeway School & Sixth Form College

## Design and Technology

*"Design and Technology makes a unique contribution to the development of all young people by preparing them to participate in tomorrow's rapidly changing technologies. They learn to think and intervene creatively to improve the quality of life."*

At The Ridgeway School Design and Technology Key Stage 3 students have the opportunity to engage in creative and innovative projects developing their designing and making skills through Food, Graphics, Product Design, Electronics, and Textiles following a carousel of 9 week modules.

Design and Technology at Key Stage 4 and 5 is very popular. Students are currently offered:

- OCR GCSE Food and Nutrition, Graphics, Product Design, and Textiles
- Edexcel GCSE in Health and Social Care Double Award
- Edexcel BTEC Level 2 in Construction and Catering

GCSE results in 2009 averaged 66% A\*-C, 100% A\*-G

AS and A Level studies include:

- OCR Food and Nutrition, Health and Social Care Double Award and Product Design with Resistant Materials
- AQA Art Textiles
- Edexcel Graphics
- Edexcel BTEC Level 3 Construction

A Level results in 2009 were 100% pass rate

Students of all abilities are provided with the opportunity to combine design and making skills with knowledge and understanding to create high quality products. Throughout this process students are challenged to apply value judgments on economical, social, moral and environmental issues preparing them for citizenship in a technological society. Teamwork and a range of communication skills, including verbal, graphics, modelling and ICT skills contribute to developing student's thinking, analysing and evaluating capabilities.

Extracurricular activities, visits and competitions provide opportunities to draw on the local community, industries and the wider world, developing pupils' confidence, applying their creative thinking and ability to innovate.

Nine subject specialists, two part time Technicians and a subject specific Learning Support Assistant make up this enthusiastic Team. Our accommodation consists of two Workshops, two Textiles rooms, two Food rooms, two Computer Suites and a Graphics room.