

DESIGN TECHNOLOGY



THE TEAM /FACILITIES

We are a department comprising of seven teaching staff supported by four technicians and an administration assistant. We are a dynamic team who work closely together to offer a fully integrated programme across a wide range of Design & Technology specialisms. We meet regularly for the sharing of ideas and the production of a wide range of teaching resources.

Accommodation in Newport Pagnell comprises two specialist purpose built Food rooms, a Textiles room, two Resistant Materials workshops, an Engineering workshop, a Graphics room and an Electronics/ICT/CAD room. At Olney Campus, there are four rooms: Food; Textiles; Resistant Materials and ICT/Graphics. CAD/CAM and ICT facilities are available at each campus.

GROUPINGS

We teach mixed-ability groups at Key Stage 3. Students with special needs are supported by both the teacher and Learning Support Assistants. At KS4 students are banded within chosen subject options.

KEY STAGE 3

Students are taught two periods a week in Year 7, and one period a week in Year 8. Areas of study include: CAD/CAM, Electronics, Food, Graphics, Resistant Materials and Textiles. A large percentage of students choose to study Design & Technology in Year 9. They are able to opt for either Food or Product Design and are taught two periods a week.

KEY STAGE 4

A large percentage of students choose to study Design & Technology at Ousedale opting for a product area or vocational course. Options include: Food Preparation and Nutrition, Product Design, BTEC Engineering and BTEC Hospitality & Catering. Students are taught three periods a week.

POST-16

The department is currently offering A-Level Edexcel Design & Technology Product Design. Students are taught four periods a week, plus one allocated private study lesson.

STYLE

The team aims to develop creative thinking through a problem solving approach. Purposeful 'active learning' situations develop knowledge and understanding of the subject, enabling students to become independent learners to design and make effectively. It is our belief that Design & Technology should be an enjoyable, creative learning experience undertaken in a safe working atmosphere.