**DESIGN TECHNOLOGY DEPARTMENT**

**The Staff**

The Design Technology Department is a team of four experienced teachers and two technicians. The department is recognised by the Senior Leadership Team as being a model for cooperative teamwork. All colleagues teach across the age and ability range. The department has produced excellent examination results at all levels. All staff contribute to the planning of courses and the writing of schemes of work. We aim to use our enthusiasm to motivate students and high expectations lead to success at all levels.

**Accommodation and Resources**

The department teaches in a £2.4 million purpose built Design Technology block with state-of-the-art facilities. There is a textiles room; two food rooms, one with industrial catering facilities; a PECT room; a graphics room; one resistant materials room; metal workshop (with separate space for casting and forge work) and two resistant materials preparation rooms.

The block is equipped to the highest standard with air conditioning, interactive whiteboards in all rooms and specialised equipment such as 40 computers; a Boxford lathe; a Boxford CNC router and a Hobart laser cutter. There is also a large departmental office to allow discussion and collaboration to take place.

**The Curriculum**

Design and Technology is a compulsory subject at KS3. We offer Food preparation and nutrition and Product Design at GCSE and BTEC Engineering. Results are excellent and well above county and national averages.

**Key Stage 3**

Over the three years, pupils cover nine modules across all aspects of Design Technology: Food, Electronics, Graphic Products, Resistant Materials and Textiles. The students have 3 lessons of 60 minutes each fortnight. Students are taught in mixed ability groups of around 22. The Key Stage is divided into modules and the students rotate to experience the different materials areas utilising the specialist staff’s experience and classroom resources.

**Key Stage 4**

Pupils in Design Technology at Broxbourne study a range of courses to meet their individual needs. Currently, in Year 10 and Year 11 there is one group taking BTEC Engineering, one group taking GCSE Resistant Materials and three groups taking GCSE Food preparation and nutrition.

**Extra-Curricular**

Staff support a broad range of activities and trips both within in and outside of the Department. Staff currently run Sports clubs, Cooking clubs, and have taken students to Design Technology Competitions.

**Letter of Application**

In the letter of application, which should not exceed two sides of A4, candidates should, amongst other points, describe their approach to the teaching of Design Technology.