

## **BRINE LEAS SCHOOL**

***Committed to a successful education for all its students***

### **The Design and Technology Department**

The successful applicant will join a well established, successful, supportive and progressive department. The department comprises of seven full time and two part-time technology teachers, plus two full time and one part-time technician. He/she will be expected to play a full part within the expanding departmental team. Teaching rooms are very well equipped and well maintained. A wide range of practical equipment and assessment materials are within easy access of all rooms. CAD/CAM and a range of ICT packages are used to enhance the technology area along with a range of practical tasks.

The Design and Technology Department is located on the ground floor. It has a purpose built CAD/CAM room with 24 P.C.'s, a laser cutter, Camm 2's and Modelas. It also has a Textiles/Graphics room with 16 P.C.'s and 16 sewing machines. There is an Engineering workshop with linked Heat treatment area, a separate Electronics room, a multi-purpose workshop and 2 separate Food/Catering areas. All rooms have either an Interactive Whiteboard/Plasma Screen or a projector linked to a laptop.

On entry the pupils are placed into mixed ability classes which are then rotated on a carousel in KS3. In Yr 9 all students choose three technology options in preparation for options in to Yr 10. Design and Technology courses comprise of Catering, Food Technology, Electronics, Textiles, Product Design, Visual Communications and Engineering. Courses at Key Stage 5 comprise of Product Design, Electronics, Engineering, Textiles, Photography, Graphics and Food.

Students performance at the end of Key Stage 3 is very good and performance at Key Stage 4 is excellent and above the local and national averages.

At Key Stage 5 the department has two purpose built workshops, one with a focus on Product Design with a number CAD/CAM machines and the other on Textiles and Electronics. The department also has a separate classroom for Photography and Graphics.

In terms of academic achievements, the department has high expectations of the students and, in addition, extracurricular activities are greatly valued. Clubs are run on a regular basis and additional classes are held at lunchtimes and in the evenings for both consolidation and enrichment sessions. Students enjoy Design and Technology; the successful candidate must be willing to participate in both the extra- curricular work and the development work of the department.

We seek a teacher who will be a committed and enthusiastic member of the team.