**Design & Technology Faculty**

We are looking to appoint a Subject Leader for Design & Technology from September 2018. Candidates need to be able to teach Design & Technology at GCSE, and Product Design at A-Level. The successful candidate will join an outstanding department, one that benefits from excellent CAD / CAM and 3D Printing facilities and which has a national reputation for the quality of pupils' work. Pupils consistently achieve outstanding results across all areas of Design & Technology at both GCSE and A-Level.

At KS3, years 7 and 8, all pupils follow a Design & Technology course that is typically 7% of the KS3 Curriculum. Pupils experience a modern approach to Design & Technology through projects including elements of a range of skills suitable for a modern GCSE D&T qualification. Pupils undertake a range of projects that each build upon prior learning and develop design, communication and manufacturing skills and techniques. The projects are currently delivered through design booklets that have been developed and written by members of the faculty and these booklets have been used by HMI / Ofsted and design education consultants as exemplar practice.

Students are able to select to study GCSE Design & Technology and the course has proved to be popular, with five Year 11 teaching groups, two Year r10 groups and three Year 9 groups in 2018. At A-Level, standard Product Design is very popular and highly successful (ALPS 2 2017) with group sizes of more than 20 students.

Currently led by a Subject Leader who is also a Specialist Leader of Education and Design & Technology Association Consultant, the department comprises 3 full-time and 1 part-time member of staff who are all very committed to raising standards and enabling each pupil to achieve very highly. The department is regularly ranked 1st in Lancashire, and in the top 2% nationally, across all ability ranges and groups for Value Added results at GCSE. The department currently has 4 specialist workshop rooms, 2 CAD rooms and 1 full-time technician. Housed in a traditional 19th Century building the rooms were refurbished in 2004. Each workshop has the full range of workshop equipment, a digital projector, computer access for pupils, and each is designed with a specialist area including: plastics manufacture, spray painting, CAM, heat treatment etc.

The department has some of the best cutting edge facilities and resources in the country. This includes ten 3D printers machines, two large bed laser cutters, two 3 axis Boxford high-speed routers, and a number of vinyl cutters. The department has access to two CAD rooms and 3D CAD use is heavily encouraged and developed and used to a high level at KS4 and KS5. The department is considered the world lead in the use of PTC Creo 3D CAD software and an expert school in the use of 3D printing.

The department holds the Design Council Design Mark award and is an Arkwright scholar school and there are currently two Arkwright scholars in Year 12. We regularly take part in local and national competitions and have had huge success over the years, winning the regional Shell Bright Ideas competition in 2017. The department has an enviable reputation with design courses at universities across the UK and in 2017 also had one student accepted to the newly formed, prestigious, Dyson Institute of Technology. Many former students now successfully work in Design & Technology fields across the world.