

Birchwood High School

Technology Faculty



The Technology Faculty

The Technology faculty is a strong, friendly and supportive team of 14 teachers and two support staff, who work closely together. Within the faculty, there are twelve specialist rooms, two dedicated food rooms, a textiles room and a fully fitted large workshop with room for two classes in the practical area. Many of the technology rooms also have fully networked computers. Technology is structured to also include the subject areas of Business, and Information & Creative Technologies (ICT).

The Technology Curriculum

At KS3, Technology is taught through a carousel system. Students receive six lessons a fortnight, taught in mixed ability groups. The subjects taught include Food, Textiles, ICT, Design and Problem solving skills using a range of materials,

Students start their KS4 courses in year 9. Technology and all its subjects are optional but such are their popularity that large numbers of students usually choose at least one of the many subjects that are available. Subjects offered at GCSE are Food Preparation and Nutrition, Design Technology and Computer Science. In addition three BTEC courses are offered in Business, Construction and ICT.

At KS5 we offer successful courses both at A level and in BTEC's. In the A level course in Graphics and Resistant Materials, students receive eight hours of A level delivery per fortnight. In addition Level 3 BTEC's in Business and ICT are offered in the Sixth Form.

The Technology Faculty is pro-active in its use of ICT as this is a major part of the Technology curriculum.

Onshape, 2D design and a Nutritional Analysis programme are used extensively. The faculty is strongly supported by the Senior Leadership Team and have two laser cutters and a 3D printer for the faculty, which has helped students introduce more CAD/CAM into their designs.

Extra-Curricular Clubs

We run a number of popular activities and weekly after-school clubs including Young Chambers. We encourage our students to take part in a number of competitions; Birchwood collaborates closely with the Bishop's Stortford Rotary club to host and enter teams in the annual Young Technicians competition and the Young Chef of the Year competition, where our students have been winners on many occasions.



Technology also provides support and training to Primary schools – primary schools use our facilities and our staff have reciprocated by visiting primary schools to train and support their staff with teaching Technology at their own school.

We look forward to hearing from you.

