



Design & Technology

General

The Design and Technology Faculty includes the subjects of Food Preparation and Nutrition and Design and Technology.

Staffing

There are 6 full-time, 1 part-time specialist teachers with 2 dedicated technicians within the Faculty. The Faculty works very much as a team, in the planning and delivery of the Design and Technology and Food Preparation and Nutrition Curriculum. Staff are very forward thinking in the way they deliver lessons using the latest resources and facilities to enhance the quality of how students learn and achieve their potential.

Facilities and Resources

Design and Technology has 6 dedicated specialist rooms which includes two ICT suites to teach Product Design/Textiles, two workshop areas that also have ICT facilities for the delivery of CAD/CAM and finally 2 dedicated Food Preparation and Nutrition rooms with industrial food preparation areas and ICT facilities. Each teaching area has a Smartboard and projector to enhance the delivery of 'interactive' lessons to students. Investment has also been made into the latest technologies of 2 3D Printers, 3 Laser CNC Cutters, Sublimation Printing and smaller CNC Routers for PCB Production and a larger CNC for use with the KS4 GCSE Courses.

Curriculum

Design and Technology at Key Stage 3 is taught in Years 7 and 8 where students visit separate subject areas in the Design Faculty. Students will have experience of Food Preparation and Nutrition, Design and Technology through Textiles and Design and Technology through Resistant Materials. In each area they will be taught the basic skills in using equipment safely and also how to design and manufacture in each particular focus area. Students will rotate around the focus areas during each year developing their skills and experiences within each subject.

At the end of Year 8 students then choose a GCSE option to follow in Years 9, 10 and 11. The subjects offered to students at examination level are GCSE Design and Technology with either a focus upon Product Design or Textiles Technology and GCSE Food Preparation and Nutrition.

Results

The results in the Design + Technology Faculty are good with students achieving equivalent to or above the national averages at A*-C% in the following subjects of GCSE Hospitality and GCSE Textiles Technology. We are hopeful of achieving the same pleasing results this year.