



The Science and Technology Faculty

The Science & Technology Faculty currently comprises of nine members of teaching staff and highly skilled technicians. Our Head of Faculty is a Scientist - there are also five Science teachers (and a technician), two teachers of Design & Technology (and a technician), one teacher of Food Preparation and Nutrition (and a technician). Every student will have four hours of Design and Technology over two weeks at KS3. GCSE options include DT Timbers, DT Textiles and DT Food Prep and Nutrition. Although we remain well staffed with Food Specialist teachers, this role is to allow us to cover an emerging need in our capacity to teach all other aspects of DT.

The main objective of the Science and Technology Faculty is to provide students with stimulating and interesting teaching so that they can develop knowledge and skills, and to encourage their enjoyment of the subject as an exciting discipline. We strive to equip them with a good grounding in the basics, a confidence to explore Design and Technology no matter what their ability, the necessary skills to achieve academic excellence and an appreciation of the value of Design and Technology. Practical learning is at the heart of our curriculum within this faculty.

The Faculty is currently made up of some excellent practitioners who also run Year 5 and Year 6 taster days, STEM challenges, Rotary Club challenges, cooking competitions, engineering competitions and Science Live trips along with various other Design Technology clubs.

The department works very much as a team, with each member having particular responsibilities, sharing experience and ideas on the working of the department. The department is well resourced, including two dedicated Design and Technology rooms that are equipped with interactive whiteboards and a separate textiles room. ICT is used extensively in the teaching of the subject and the faculty also has access to student computers in their teaching space. Alongside the specialist DT rooms there is also one kitchen for the food team. Below is an overview of the lesson allocation students have in Design and Technology. We are operating a two-weekly timetable. The GCSEs that we currently run are in Design Technology: Timbers, Textiles and Food. We are open to all subject specialisms, so we encourage applications from engineering or graphics backgrounds as well.

Year 7	Year 8	Year 9	Year 10	Year 11
4 hours of DT	4 hours of DT	4 hours of DT	5 hours of DT (option)	5 hours of DT (option)