



## Design and Technology Department

### Details and Information

The Design and Technology department consists of a team of highly trained, experienced and enthusiastic teachers. Staff also have responsibilities in other areas of the school.

The department has a wide range of resources available to all Design and Technology staff housed in a suite of rooms in close proximity to each other including a Food Technology room, 3 ICT rooms (one of which has a robotics suite), two workshops and two Textiles rooms. The department has also purchased a suite of 3d printing machines and has 6 competitive robotics teams that compete nationally.

### Curriculum

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| Key Stage 3 | Students complete a Textiles focused project and a Resistant Materials focused project, as well as a doing a Food Technology Module each year on rotation. Teachers stay with their class all year so need to teach across all Design and Technology disciplines. The curriculum has a problem posing and problem solving focus in which students will be given a context and a brief for each project. |
| Key Stage 4 | EDUQAS GCSE Design and Technology<br>EDUQAS GCSE Food Preparation and Nutrition   |
| AS/A Level  | EDUQAS D&T: Product Design<br>EDUQAS Level 3 Food Science and Nutrition (possible new course Sept. 2022)<br>EDUQAS Art and Design: Textiles   |

All staff are committed to providing a curriculum that enriches pupils' D&T experiences and the department achieves very good results at GCSE and A Level. The department hosts the Vex Robotics club that has 6 competitive robotics teams across all key stages and is looking to expand its' extracurricular offering even further. The subject has a high profile within the school and the department strives to raise this profile even further. Each year an exhibition of work is held with staff, governors and local industry representatives invited to attend