



Curriculum Intent and Implementation



Technology Curriculum Intent:

The Technology curriculum at Wilsthorpe School is designed to develop learners who are able to select and utilise materials, ingredients, equipment and machinery. Learners develop the knowledge required to work safely, confidently and without assistance. We aim to expose students to current-day industry practices and, where appropriate, develop skills in both traditional and modern processes.

The curriculum is also designed to offer an experience of career-specific skills in vocational environments. This allows students to discover what inspires them, nurture aspiration and to make more informed life choices about the pathways most suited to them/their future careers.

The subjects offered at KS4 & 5 allow KS3 knowledge and skills to be developed further. At Key Stage 4, students can opt to study Level 1/2 Engineering, Level 1/2 Catering or GCSE Textiles. This suite of subjects will prepare students to participate confidently and successfully in an increasingly technological world and develop learners who are able to:

- think creatively and solve real-world problems,
- practice key skills with confidence and independence,
- apply industry-relevant knowledge and skills.

Technology Curriculum Implementation:

A sequencing strategy runs through the whole suite of Technology subjects. The topics that traverse all KS3 Technology subject areas include: Identification & safe use of tools and equipment, safe working environments, design and communication, understanding concepts behind practical skills, working knowledge of materials/ingredients, evaluation and reflection.

Lessons are carefully sequenced to ensure that core knowledge is developed, revisited and memorised to prepare learners for future success. At KS3, subjects are taught in rotation. By the end of each subject rotation, students are assessed on their understanding of concepts and their ability to produce practical work.

Lessons at KS4 & 5 sequence subject-specific knowledge and experiences that may later become daily tasks in a chosen career. Students taking Engineering Design (OCR Level 1/2) learn engineering drawing standards and develop skills in computer-aided-design and manufacture. Hospitality is delivered in our industry-standard kitchen where students can develop their cookery skills, awareness of legislation and employability in the hospitality sector. Textiles draws from the expertise of our degree-level and masters-level staff to teach students how to apply their creativity in the manipulation of fabrics/textiles to create one-off pieces, building skills along the way which could be applied at degree level.