

Vision

We believe that every part of our lives is improved by technology. Our teaching promotes an understanding of the world around us; recognition of past and present developments and anticipation of future technologies. Alongside this we discuss global impact and actively seek sustainable ways to develop technologies for the future. We seek to ensure that all students become successful problem solvers and critical thinkers as well as knowledgeable, confident, creative and discerning consumers.

Aims

An understanding of Technology in all its forms will develop students' cultural capital. Students learn basic skills that will support them in their futures. We aim to design and make products that solve genuine, relevant problems meeting the needs, wants and values of consumers. In all areas of Technology both workshop and kitchen based students will acquire a broad range of specialist subject knowledge whilst drawing on additional disciplines such as mathematics, science, computing and art.

We hope to see all students who study Technology at Newfield School mature into socially responsible adults capable of making a positive impact in today's ever-changing society, be it voluntarily, in employment, further training or higher education.

Curriculum

The curriculum is dynamic, well-paced and enjoyable. We aim to meet the needs of every learner and introduce the latest technological developments. Lessons are challenging, innovative and student centered. Building knowledge and skills over time to develop senior students with advanced skills.

Lessons take place in safe and well managed practical environments. The curriculum is knowledge-rich, and delivered in modules where the learning is focussed on specific skills, materials and processes. Each project covers specific technical knowledge, pragmatic knowledge and deliberate practice.

In years 7-9 we focus on building foundation skills and knowledge which year on year develops and expands. At GCSE level in Years 10-11 Technology students should have the cultural capital needed to engage with the world of iterative design and the world of work.

We offer a GCSE Design Technology course that encourages students to be increasingly expressive and creative in their design practice and vocational courses that provide a true taste of the working experience they desire in Catering and Hospitality or Construction.

Assessment

Formative feedback is given in every Technology lesson from Y7 through to Y11. Strand 1 feedback is predominantly given verbally and via homework.

Other examples are:

- Where specific strengths and weaknesses of work are highlighted
- Whole class discussions to clarify understanding.

- Marking criteria is used as a means of allowing students to benchmark their own progress.
- Exemplar materials

Summative Assessment - These test opportunities are built into projects with quick quizzes and tests used as starter activities.

In Key Stage 4 all students complete assessments in-line with the school assessment weeks providing support for teacher assessment and predicted grades. All of our courses offer a coursework module worth 50% of the grade. This work is marked and regular written feedback is provided.