



Quality of Education
Curriculum Intent Statement
Subject: Design and Technology



CURRICULUM VISION

The curriculum vision for Design & Technology (D&T) at Bedale High School is to develop students who are resilient, creative and thoughtful problem solvers. D&T is about designing and making products for different types of people to fulfil a need, or for a specific purpose. Through teaching D&T, it is our aim to develop students who can refine their skills so that they can communicate their thoughts and ideas, either by working independently or with others. The curriculum is planned so that our students have the confidence and courage to experiment with different techniques, designs and materials knowing there is rarely a wrong answer when looking for a solution to a particular design and technology problem.

Students studying D&T will learn how to understand users and what their wants, needs and preferences are. They will learn about a range of modern and traditional materials and get to know how things work. They will also be taught how to analyse and evaluate and how to apply these skills to their own work and the work of others from past and present. This learning will be applied to enable our students to design, prototype and make innovative and creative solutions to imaginary and real-life problems.

At Bedale High School, we aim to help our learners to become compassionate young people who can demonstrate an appreciation and a social responsibility for the ever-changing world in which we live. Through D&T, students will develop a commitment to meet local, national and global demands to create sustainable products that minimise the long-term environmental impact that they have through all stages of a product's life-cycle.

Many of our students arrive in Year 7 with a varied and often limited knowledge of Design & technology; however, it is our aim to develop a 5-year curriculum that will provide opportunities through this unique subject for students to learn, practice and apply important and transferable skills that are necessary for success both within the subject and in future education and employment pathways.

CURRICULUM RATIONALE

The 5 year curriculum in D&T is currently being developed. It is the aim to start in Year 7 by filling in any gaps and developing an understanding of what D&T is. In KS3 the curriculum will then be planned around giving students opportunities to learn and make progress through mainly designing; designing and making and mainly making tasks. These tasks will cover a range of material areas, processes and skills with a focus on designing, making, evaluation and technical knowledge. Those who choose to study D&T at GCSE will follow the Pearson Edexcel specification.

