KS4 Design Technology Curriculum 2022-23

Curriculum Intent: Technology

Technology is an increasingly vital part of our daily lives. The Design and Technology and Engineering sectors are a large part of modern life and are constantly evolving. As well as promoting practical skills, students learn about commercial processes and develop transferable skills in communication and problem solving. At Consett Academy, students will develop their knowledge and understanding of materials and processes, Computer Aided Design, contemporary technologies and applying the iterative design process.

We aim to;

- Give our students vital life skills that enable them solve real and relevant problems in many aspects of life.
- Encourage the development of high skills and resilience in a safe environment, allowing students to demonstrate independence.
- Empower students to enable them to make informed choices and contribute to a more sustainable future considering environmental, social, moral and cultural issues.
- Engage with students to encourage them to enjoy and explore a hands-on approach to design and make opportunities embedding maths and science skills and knowledge within them.
- Enrich the students' experiences of Design, Technology and Engineering by offering extra-curricular opportunities and challenge tasks.

Through our Technology curriculum, students are provided with a context through which to explore the materials, creativity and opportunities that Design & Technology adds to life.