



Technology and Design Department

The Technology & Design Department has and continues to be an integral aspect to the curriculum in Thornhill College. The aim of the Technology and Design Department is to provide an enriched learning experience for all our pupils to develop their knowledge and understanding of the materials, process and systems they encounter today and in preparation for their future.

- Developing pupils' skill, knowledge and understanding of control, manufacturing, communication and design within their own and others environment.
- Provide pupils with the opportunity to develop their realisation skills in both resistant materials and electronic/ICT control products.
- Enable pupils to enhance and grow their traditional and ICT based communication capabilities.
- Developing pupils' ability to create, develop and communicate concepts.
- Providing pupils with experiential learning opportunities supported and underpinned by the relevant subject theory.
- Deploy a wide range of learning and teaching strategies (including plenary sessions, flipped classroom, demonstrations, ICT, question and answer sessions) to create a positive classroom environment which engages enquiring minds to enjoy Technology and Design.
- Supporting individual pupil achievement to ensure all are realising their full potential in an encouraging dynamic learning environment.
- Contribute collaboratively as a team member in the cultivation of a positive learning environment for all Technology and Design pupils.

Technology and Design is studied by all pupils at Key Stage 3. The programme of study has a focus on providing pupils with an interesting and engaging curriculum experience that develops their own personal range of subject specific capabilities. At all Key Stages appropriate assessment techniques are used to continuously assess and ascertain pupil attainment before they are centrally collated at regular intervals throughout the year. Technology and Design is offered at Key Stage 4 and Key Stage 5 following the appropriate CCEA examination body specifications, subject code 89000. Currently the CCEA Engineering specification, subject code 0009, is under review as an offer to pupils through the Department.

Each academic year, the Department offers pupils the opportunity to participate in a selection of appropriated and engaging extra-curricular activities. This includes: industrial visits to production and engineering facilities with an emphasis on careers; visiting speakers introducing pupils to various Technology & Design topics; participation in competitions and events such as Engineering Week. The Department is currently leading a local STEM ENTHUSE Partnership, which is part of a STEM Learning Programme, based in York, working through the Education Authority (EA) in Northern Ireland.

Thornhill College is committed to following Child Protection guidelines and procedures as prescribed by DENI and EA.

(Please ensure that in your application form, you address the criteria mentioned in the job advertisement.)