

A Level Design and Technology

A Level Design and Technology is an inspiring, rigorous and practical subject that gives an insight into the way that creative, engineering and manufacturing industries function.

This subject strengthens learners' critical thinking and problem solving skills within a creative environment, enabling them to develop and make prototypes/products that solve real-world problems, considering their own and others' needs, wants, aspirations and values. Learners are required to identify market needs and opportunities for new products, initiate and develop design solutions and make and test prototypes/products.

Design and Technology enables learners to take every opportunity to integrate and apply their understanding and knowledge from other subject areas studied during Key Stage 4, with a particular focus on science and mathematics.

This subject offers the opportunity to apply learners' wider learning through creativity and innovation with a focus on iterative design to equip them with valuable critical thinking skills needed for higher education and industry.

