

Curriculum Intent: Design Technology

In DT pupils learn the social and environmental responsibilities designers have when creating products in a continually advancing technological society. Pupils create products to solve real life problems. Theoretical and practical skills are taught progressively to build confidence and understanding.

Educate	Social	Responsibility	Citizen	Future
Skills are taught progressively to help build the confidence and skills of pupils, this will enable them to apply the skills appropriately as they move up through the school. Additionally, DT aims to equip pupils with the technical knowledge and language associated with the subject. This empowers pupils to articulate what they have designed, made and learnt.	Through the DT curriculum pupils will learn that, as potential future designers and consumers of products, they have a duty to be socially responsible and informed citizens who should design, engineer or purchase products that have minimal impact on the world around them.	Pupils combine their designing and making skills with relevant knowledge and understanding (e.g. aesthetic, social and environmental) to create products each term that have real-life purposes.	Pupils are encouraged to become resilient, independent, creative problem solvers and to think as individuals as well as part of a team. They also learn to take risks and become resourceful. These are key skills that pupils will need throughout their life.	DT helps prepare pupils to enter an ever advancing technological and inventive society, where design, engineering, innovation and inventive minds help shape the world they will live in.

