

Design Technology at Newsham Primary School



Studying Design and Technology includes the use of a broad range of knowledge, skills, and understanding, and prompts engagement in a wide variety of activities. At Newsham Primary, we ensure that pupils design and make products that solve real and relevant problems within a variety of contexts. At every stage of their development, we ensure that clear links are made between the skills they are developing and the STEM careers that are going to be available to them in Blyth and the wider North East. We have incredibly strong links with local employers, HE/FE education providers and charitable organisations who are able to offer enrichment opportunities that bring DT as a subject to life.

Purpose of study

Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Pupils learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

The national curriculum for design and technology aims to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.