

Design Technology



At Bushmead Primary School, the purpose of Design Technology is to teach and help our pupils gain the skills to design and make products that fulfil a need and given criteria. Our pupils are encouraged to become creative problem solvers, thoughtful designers and competent in making aesthetically pleasing and working products, alongside developing their ability to think independently and inquisitively.

Core skills in the design process, making products and evaluating are taught from Reception to Year 6. Each year the key skills are consolidated, enhanced and built upon. Pupils are given technical knowledge which includes learning about the characteristics of materials and components, including the use of the correct vocabulary.

Pupils also focus on developing their cooking skills and understanding nutrition, having the opportunity to prepare simple dishes safely and hygienically, focusing on techniques such as cutting, peeling, chopping, slicing and grating. There are also opportunities to practise techniques such as mixing, spreading, kneading and baking where they have the chance to taste and evaluate their creations.

Throughout the design process, children are encouraged to generate realistic ideas, focusing on the needs of the user and making design decisions that take account of the available resources. Whilst making a product, pupils develop their skills in measuring, marking, cutting and shaping materials with increased accuracy. An appreciation of the fact that materials have both functional and aesthetic qualities is developed throughout each year.