



Design and Technology at St. Jude's

Intent

Design and Technology is an inspiring and practical subject, requiring creativity, resourcefulness, and imagination. We aim 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. During their time at St. Jude's, we strive for all pupils to design and make high-quality prototypes and products for a wide range of users and also learn how to cook and apply the principles of nutrition. They will also have the opportunity to evaluate and test their ideas and products, and the work of others.

Implementation

The teaching of Design and Technology across the school follows the National Curriculum. Pupils have the opportunity to design and make products that solve real and relevant problems within a variety of contexts, for example home, school, community and wider environment. Through a variety of creative and practical activities, we teach the knowledge, understanding and skills needed to engage in the process of designing and making. Pupils also have the opportunity to investigate and analyse a range of existing products, evaluate their ideas and consider the views of others.

Key substantive and disciplinary knowledge for Design and Technology has been mapped across the school to ensure progression between year groups. Although taught discreetly, we link Design and Technology to other units of work and draw upon learning in a range of other subjects to enhance teaching and learning. Design and Technology lessons are often taught as a block of work within a term so that children's learning is focused throughout. Pupils will work as individuals and as members of a team within their Design and Technology lessons.

Impact

Design and Technology skills prepares children for life in the wider world. Pupils at St. Jude's learn how to take risks, become resourceful, innovative, resilient and enterprising.

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. This understanding starts in the Early Years Foundation Stage, beginning with the exploration of technology in Nursery.

Learning about health, nutrition and food preparation is a life skill that will continue with them long after finishing primary school. Children understand what is needed to stay healthy and know how to plan

and prepare healthy food. They have expressed their views about our school snack time and lunch, and made suggestions as to how what we offer at school is healthy and how it can be improved. Pupils will be able to make informed food choices in the future to contribute to their physical health as well as their mental health.

High-quality Design and Technology education makes an essential contribution to the creativity, culture, wealth and well-being of the children at St. Jude's.

