



## Design & Technology

### **Overview**

At Lindridge St Lawrence CE VA Primary School Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, children 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. Children learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens

### **Intent**

At Lindridge St Lawrence CE VA Primary School we will ensure that all children will • work in a range of relevant contexts [for example, the home and school, gardens and playgrounds, the local community, leisure, culture, industry and the wider environment]. • 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.

### **Implementation**

Design Technology is taught in all year groups through at least one topic per term, which includes one topic relating to food. Design Technology projects are often made cross curricular - linking to other subjects taught such as mathematics, science, computing and art. The children are given opportunities to reflect upon and evaluate past and present design technology, its uses and its effectiveness. From this our children are encouraged to become innovators and risk-takers.

### **Impact**

Children are taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making, through a variety of creative and practical activities. 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. Instilling a love of cooking in pupils will also open a door to one of the great expressions of human creativity. Learning how to cook is a crucial life skill that enables pupils to feed themselves and others affordably and well, now and in later life. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the individual and the nation.