



## Menston Primary School Design Technology Curriculum Statement

### **Intent**

At Menston Primary School we intend to build a Design Technology curriculum which develops learning and results in the acquisition of knowledge and skills.

We intend to deliver a design technology curriculum where children develop the appropriate subject knowledge, skills and understanding as set out in the National Curriculum Design Technology Programmes of study.

### **Implementation**

Our Design and Technology curriculum is implemented through a variety of different projects over the children's time at Menston Primary School. We access guidance and resources from a variety of sources including the Design and Technology Association and STEM Learning.

Children will experience an array of different progressive and linkable skills and techniques over the course of a child's time at Menston Primary School. This ensures that children build upon previous learning and are able to expand their knowledge and understanding of problem solving, designing and constructing different products.

Children will complete 3 projects a year, either having one lesson a week or in learning 'blocks' to complete each project so that they can be fully immersed in the design-make-evaluate process.

Children are given a variety of real life products to explore in great detail, expanding their knowledge of how they look and work, allowing children to evaluate products against their target market and purpose.

For each project, children follow the design-make and evaluate sequence, allowing children time to reflect upon their design and products and think of ways that they could be improved or adapted. Teachers support and model increasingly progressive evaluative skills to enable children to create products of a high-quality throughout school.

Children are given a design brief to put the need for the product in context. Where relevant, teachers ensure that the brief is linked to another area of their learning or has relevance to the children to inspire their imagination and eagerness to create and problem solve.

Safety is explained and modelled at the start of and throughout each product including food hygiene instructions.

### **Impact**

Children will have clear enjoyment and confidence in design and technology that they will then apply to other areas of the curriculum.

Children will ultimately know more, remember more and understand more about Design Technology, demonstrating this knowledge when using tools or skills in other areas of the curriculum and in opportunities out of school.

The large majority of children will achieve age related expectations in Design Technology.

As designers, children will develop skills and attributes they can use beyond primary school and eventually into adulthood.