



**ST. ANNE'S C.E.(VC) PRIMARY SCHOOL**



**DESIGN AND TECHNOLOGY INTENT, IMPLEMENTATION + IMPACT**

**'Together with God, Making Learning a Life Long Friend'**

**Intent:**

At St Anne's C.E, V.C. Primary School we aim to provide all children with a broad and balanced curriculum which prepares them for life beyond primary education. We encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Design and Technology is an inspiring, rigorous and practical subject. It can be found in many of the objects children use each day and is a part of children's immediate experiences. Design and Technology encourages children to learn to think and intervene creatively to solve problems both as individuals and as members of a team.

At St Anne's the Design and Technology curriculum combines skills, knowledge, concepts and values to enable children to tackle real problems. It can improve analysis, problem solving, practical capability and evaluation skills. We aim to, wherever possible, link work to other disciplines such as mathematics, science, engineering, computing and art as part of our creative curriculum. The children are encouraged to become innovators and risk-takers. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and wellbeing of the nation.

**Implementation:**

At St Anne's the 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.

At St Anne's we offer children our own creative curriculum which staff create in line with the National Curriculum and the skills in which are essential. This ensures that children access Design and Technology in a variety of forms and in differing situations. We are able to link Design and Technology across the curriculum linking to all subjects. Topics are planned in blocks of 14 weeks. Staff plan blocks of skills so that children can build upon these skills weekly, termly and annually throughout their time at St Anne's. As this is implemented through a whole school approach, staff are able to easily build upon skills which the children acquire without repetition and build upon progressively, using our in-house success criteria designed from the National Curriculum objectives.

At St Anne's we offer a wide range of extra-curricular activities, including a gardening club, Forest School activities and a technical Lego club. There has been significant disruption to these as a result of the Covid-19 pandemic, however where possible these clubs are going forward in the year 2020-2021 within bubbles.

Along with clubs, children have taken part in building activities involving other local schools as part of our Lego/construction club. We also offer residential trips where children are encouraged to transfer their skills to real life situations and experiences. In Key Stage 2, children hold a community café whereby the children design a menu, budget, buy ingredients, cook and serve a meal for their relatives.

### **Impact**

Our Design and Technology curriculum is high-quality, well thought out and is planned to demonstrate progression. If children are keeping up with the curriculum, they are deemed to be making good or better progress.

In addition, we measure the impact of our curriculum through the following methods:

- A reflection on standards achieved against the planned outcomes;
- A celebration of learning for each term which demonstrates progression across the school;
- Pupil discussions about their learning which includes discussion of their thoughts, ideas, processing and evaluations of work.

The impact of our curriculum will also be measured by how effectively it helps our pupils develop into well-rounded individuals who embody our values and carry with them the knowledge, skills, and attitudes which will make them lifelong learners and valuable future citizens. We endeavour for pupils to have all six of our school's core values embedded and utilised by the time they leave St Anne's at the age of 11. These are: *kindness, respect, perseverance, honesty, faith and community*. When children leave St Anne's they are not only ready for their journey into high school, but have become well - rounded individuals with positive attitudes towards lifelong learning.