



DESIGN TECHNOLOGY Statement



Mission

'In all things, love'

Our school is part of Holy Family Parish and we see it in family terms. We aim to develop our children's all round potential in a happy, secure and disciplined environment. To achieve this we are committed to a partnership of parents, staff, governors and the whole Christian community. Our school is founded on faith in Jesus Christ and his teachings and we accept the guidance of the Catholic Church in establishing that foundation.

Statement

"Design is not just what it looks like and feels like. Design is how it works."

Steve Jobs

Intent

To encourage children to learn to think and work creatively to solve problems both as individuals and collaboratively as members of a team.
To 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.
Where possible, we encourage children to make connections to other subjects, such as Mathematics, Science, Computing and Art.
The children are also given opportunities to reflect upon and evaluate past and present technology and its usefulness.

Implementation

Our implementation ensures full coverage of the Design Technology (DT) National Curriculum Programme of Study.
Sequenced whole DT school curriculum.
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.
Using a clear learning journey, children are able to show a clear process of research, design, make and evaluate.
Offer a clear structure, which includes challenging students at all levels.
Children are able to explore a range of existing products and formulate opinions on these, in order to make design decisions for their own products.
Understand health and safety implications of using tools.

Impact

Children apply DT knowledge and understanding to other areas of curriculum and wider daily life.
Children will become resourceful, creative and capable citizens.
Through the evaluation of past and present design and technology, they develop an understanding of its impact on the world.
Build and apply a range of knowledge, understanding and skills in order to design and make high-quality products and for a range of users and evaluate and test their ideas and products.
Children learn to take risks and produce high quality products.