

St. Paul and St. Timothy's Catholic Infant School

Our Vision for Design & Technology

At St Paul and St Timothy's Infant School we are designers! We want our children to love Design and Technology and to be passionate about it. Children are taught to select and use appropriate tools safely and effectively to make a product. In all areas of Design and Technology the children are encouraged to consider the effectiveness of their designs and requirements of the product.

Curriculum Intent

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 Paul & St Timothy's Infant School we encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems, considering their own and others' needs, wants and values. We aim to, wherever possible, link work to other subjects such as mathematics, science, computing and art. The children are also given opportunities to reflect upon and evaluate past and present Design Technology, its uses and its effectiveness. Children are encouraged to become innovators and risk-takers.

Curriculum Implementation

Our Design and Technology curriculum has been carefully planned. We ensure progression is made and knowledge and skills are embedded. We deliver and teach Design and Technology in our school through a topic based structure. Through these topics, we also learn and apply a set of technical skills. We implement the curriculum through giving the children real and relevant problems to solve, making cross curricular links to broaden our understanding and creating real products that serve a purpose. Our topics encourage children's creativity and them to think about important issues. We follow a 'Design, Make, Evaluate' approach to the teaching and learning of Design and Technology as outlined in the National Curriculum document.

Curriculum Impact

We use both formative and summative assessment information in every Design & Technology lesson. Staff use this information to inform their planning. This helps us provide the best possible support for all of our pupils with our adapted curriculum. We have clear objectives for each year group. Skills in Design and Technology are progressive and build year on year.

Our staff assess what the children can do by observing them during practical tasks and monitoring their completed evaluation activity. This informs their future planning.

Assessment information is collected frequently and analysed as part of our monitoring process. This provides an accurate and comprehensive understanding of the quality of education in Design and Technology. Monitoring in Design and Technology includes a book scrutiny, lesson observations and/or learning walks, pupil/parent and/or staff voice.

All of this information is gathered and reviewed. It is used to inform further curriculum developments and provision is adapted accordingly.

