

St Joseph's Catholic Primary School
Design and Technology Policy
Intent, Implementation, Impact
2020 – 2021



Guided by Jesus, Learning Together, Striving for
Excellence



Design and Technology

Intent

At St. Joseph's we value, and are dedicated to, the teaching and learning of all aspects regarding Design Technology and Cooking and Nutrition. We see this as a fundamental part of school life and also an opportunity to build essential life skills. We believe that by providing a coherently planned sequence of lessons, that progressively challenge the knowledge, understanding and skills required in the National Curriculum, this allows pupils of all ages to enjoy Design and Technology.

We understand that the purpose of Design and Technology is to give pupils the skills, concepts and knowledge necessary to express their ideas and experiences. We aim to inspire children through a broad range of practical experiences to create innovative designs which solve real and relevant problems within a variety of different contexts. At St Josephs, we aim to enrich the quality of our children's lives, both within and beyond school. The iterative design process is fundamental and runs throughout the lessons planned to allow children to evaluate existing products and then innovate when designing and creating their own ideas. Children are given the opportunity to make and design prototypes and also create their own dishes which they can eat. As part of this process, time is built in to reflect, evaluate and improve on their work using design criteria throughout to support this process. Opportunities are provided to helping to inspire children to become the next generation of innovators.

Implementation

Design and Technology skills and understanding are built into lessons, following a sequential process throughout the year groups. Through revisiting, expanding and consolidating skills, our lessons and resources help children build on prior knowledge alongside introducing new skills, knowledge and challenges. Through these lessons, we intend to inspire pupils and practitioners to develop a love of Design and Technology and see how it has helped shaped the ever-evolving technological world they live in.

As a school and, in accordance with the National Curriculum's expectations, we aim to ensure that all pupils:

- Become skilled in drawing, annotating, labelling, cutting, grating and other techniques
- Plan and produce creative work, exploring their ideas and evaluating them
- Evaluate and analyse other design works using the language of design technology

Class teachers are responsible for the teaching of design technology, which has been planned for with the DT Lead.

Impact

We want to ensure that Design and Technology is loved by teachers and pupils across school, therefore encouraging them to want to continue building on this wealth of skills and understanding, now and in the future.

We know that creative experiences contribute hugely to children's development and wellbeing and all children can benefit from these. Some of the skills being developed throughout this curriculum are:

- Language Development
- Decision Making and Innovating on products
- Motor Skills
- Practical 'hands-on' Learning
- Visual Learning
- Inventiveness
- Discussing work and sharing opinions (voting for others work)
- Cultural Awareness
- Evaluating Work