St Joseph's Catholic Primary School – DT Intent, Implementation and Impact Statement

Mission Statement

"Jesus light our way on our faith journey.
Be our guide, our joy and our hope, as we learn, live, love and pray together."

Design Technology Statement of Intent

At St Joseph's, we offer an inspiring and practical approach to a varied Design and Technology curriculum where our pupils develop deeper understanding of technical and creative design to construct purposeful products. They acquire a broad range of skills and knowledge to design, create and evaluate ideas, whilst gaining an increased understanding of the technological world.

Our Design Technology curriculum incorporates knowledge from the wider curriculum areas such as Maths, Science, Computing and Art. Each year, children also build upon their knowledge of nutrition and basic cookery skills, applying principles of understanding the importance of a balanced and varied diet. The breadth of practical tasks offered to our children prepare them for secondary education, as well as aiming to provide them with useful life skills.

Design Technology Implementation Statement

Our Design and Technology curriculum is built around essential knowledge, understanding and key skills. These are broken into year group expectations and show clear continuity and progress. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. These projects will include one topic related to food and will ensure that the two strands Design and Making, and Food and Nutrition are delivered effectively. Topics are cross-curricular and support a broad range of subject knowledge.

The design process should be relevant in context, to give meaning to learning. While making, children should be given choice and a range of tools to choose freely from. Each of these steps should be rooted in technical knowledge and vocabulary. children will learn and build on a range of practical and technical skills, testing their ideas and critiquing and evaluating both their own products and the work of others.

Our curriculum offers a range of exciting units that solve real and relevant problems. Through these units, we also learn and apply a set of technical skills including structures, mechanisms, electrical control and a range of materials, including food.

Design Technology Impact Statement

Children will have clear enjoyment and confidence in Design and Technology that they will then apply to other areas of the curriculum. Through carefully planned and implemented learning activities the pupils develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. They gain a firm foundation of knowledge and skills to see them equipped to take on further learning at secondary school.