

Design and Technology Intent, Implementation & Impact

Intent

At St Joseph's Catholic Primary School, children develop creativity, imagination, resilience and creative thinking, alongside knowledge and skills needed to design and make products that solve relevant, real-life problems. Children are inspired by designs, designers and engineers from history through to present day. They become innovators, risk takers and inventors with the skills, knowledge, concepts and values to contribute to the culture, wealth and wellbeing of future generations.

Implementation

The Design and Technology (DT) curriculum at St Joseph's Catholic Primary School ensures children critique, evaluate and test their ideas and products. Design and technology is linked mainly to creative curriculum work, science or computing. Teachers follow a progressive, whole school curriculum, covering skills from the broad areas of: design, making, evaluating, food technology and mechanisms.

Through the DT scheme, Data, teachers are able to produce inclusive lessons for all children to access the DT curriculum in a fun and engaging way, further promoting a love of learning. Class teachers plan three specific DT focus units a year, during which key skills are developed for a particular purpose/end product. All year groups also take part in at least one cookery project.

There are further opportunities to build small and large scale structures and to use a variety of tools during regular Outdoor Learning sessions.

Impact

By the end of each key stage, pupils are expected to know, apply and understand the matters, skills and processes specified in the relevant programme of study. Teachers assess children's work in Design Technology whilst observing them working during lessons.