



All Saints Design and Technology Curriculum

A family. Uniquely made and loved by God

Intent

At All Saints we believe that D.T should be an inspiring, rigorous and practical subject. It gives children the opportunity to think and work creatively, work as part of a team, and combine practical skills with an understanding of aesthetic, social and environmental issues, as well as functions and industry. It has firm links with other subjects such as maths, science, English and art, and encourages children to be creative, innovative, problem solvers using technical knowledge and examples from designers and engineers. We want our children to understand the importance of DT in everyday life and to be able to evaluate past and present designs in order to recognize their impact.

Key concepts:

There are six essentials of good practice in design technology: user, purpose, functionality, design decisions, innovator and authenticity.

Implementation Making D.T come alive.

We use the Projects on a Page scheme of work. This provides staff with guidance and suggestions, but allows us plenty of flexibility to meet the needs of our children in the contexts we choose. Each unit of work starts with a need or problem. The process of design, make, evaluate is followed rigorously so that no part is seen as less important than another. Units of work may be carried out over several weeks or blocked over a couple of days depending upon the tasks. Children learn from

*Investigative and evaluative activities where they find out about DT in the wider world

*Focused tasks where they are taught specific technical knowledge and skills

*Design, make and evaluate tasks where they create functional products with end users in mind.

As an extension to the National Curriculum we ensure children plan the sequence in which products are made and consider imaginary contexts in KS1.

We use booklets in classes as a way of children recording their thoughts and decisions throughout a project.

Impact Assessment

Pupils assess their learning and projects against the criteria they set at the start of the unit. DT is assessed termly by staff against the skills in our progression grid and recorded using working towards, at expected or working at greater depth. Examples of excellence in every stage of the design process are collated by the co-ordinator to be used to moderate standards and the impact of our new scheme of work.