



Design and Technology at St. Stephen's CE Primary school



Design and Technology stimulates creativity and imagination. DT is essentially a practical subject that allows children to think imaginatively and creatively and to become effective problem solvers, both as individuals and as part of a team. Our aim is to provide children with a rich and enjoyable experience of Design and Technology, in which they can acquire and develop their own designing, making and evaluating skills, in line with the National Curriculum.

At St Stephen's, Design and Technology is taught from reception through to Year 6.

The following outcomes are expected at the end of KS1:

- Design purposeful, functional and appealing products
- Select and use a range of equipment
- Select from a range of materials and components
- Evaluate and improve their product
- Build structures and explore how they can be made stronger
- Explore mechanisms

The following outcomes are expected at the end of KS2:

- Using research to develop their designs, including understanding how key events and individuals in Design and Technology have helped shape the world
- Generate and develop their models through different methods, including digital and computer-aided design
- Select from and use a wider range of equipment
- Select from a wider range of materials and components
- Evaluate their design and consider the views of others
- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- Use electrical systems in their products
- Apply a computing system to monitor their product

Subject Leader: Miss Rebecca Taylor