



St. Brendan's Catholic Primary School

DT Rationale

The aim of the Design and Technology curriculum at St Brendan's is for our children develop an understanding of today's made world. Through DT, children develop creativity, imagination and become equipped with the skills to become independent, creative problem solvers within the ever-changing world they are living in. We believe it is important that learners are presented with opportunities to innovate and take risks, which fosters their resourcefulness and resilience.

Our DT lessons aim to offer opportunities to:

- Understand and use DT subject specific skills and resources.
- Learn to design and make functional products for particular purposes and uses that present solutions to real life problems.
- Develop consideration to the role of designers in history and the modern world.
- Use technical knowledge and vocabulary to enable effective articulation of ideas.
- Develop the ability to reflect and evaluate through applying personal judgements to designs.
- Make healthy life choices through knowledge of cooking and nutrition.

Learning in DT is not limited to specific lesson times as links are made to other areas of the curriculum and pupils are encouraged to recognise how their learning of specific subject skills interlink. Carefully chosen themes allow children to connect their DT project to their learning in other subjects, for example during our 'Who am I?' theme, in Key Stage 1, the children learnt about where they lived and the capital city of England. They then combined their geographical knowledge, art painting skills and DT skills to create a moving mechanism book for educating people about London.

Design and Technology is recognised and celebrated in our school because we want our children to be proud of their achievements and the hard work a project entails. Children's projects are displayed in school to show their talents. Each year, one DT project is food based and our children have the opportunity to share their finished project with their friends and families. In the Summer Term, we have a whole school celebration of DT during enterprise week; this is where all children develop their own project from a design specification. Ultimately, through carefully crafted projects, we want to equip all children with the skills to be future innovators!