

## Why is Design and Technology important to learn?

At St Brendan's our Design and Technology curriculum is crafted to be inspiring, practical, memorable and meaningful. We aim to nurture innovative and skilled designers and makers and inspire pupils to become creative individuals with the skills to design, make and evaluate products that solve real and relevant problems in an ever-developing climate. Children will learn and build on a range of practical and technical skills, testing their ideas and evaluating both their own products and work of others. We want pupils to develop the confidence to take risks, through drafting design concepts, modelling, and testing whilst being reflective learners and problem solvers. We aim to wherever possible, make cross curricular links with subjects to allow pupils to express their full potential throughout their learning. Our curriculum enables children to create a range of structures, mechanisms, textiles, electrical systems and food products which captures interest, nurtures creativity and ultimately allows them to develop their technical knowledge to design, make and evaluate.

"I like Design Technology as you can use your imagination to create new things".

Year 3

# Design Technology at St. Brendan's Catholic Primary School

## What does Design and Technology look like at our school?

Our D&T curriculum is structured by identifying four significant aspects of learning: design, make, evaluate and technical knowledge. These help children to think like professional designers and reflect on the systematic journey of designing. All children will engage in units of lessons which cover: cooking and nutrition, mechanisms and mechanical systems, structures and textiles. Children in Key Stage 2 will also cover electrical systems and the digital world.

All projects are cross curricular which enables children to connect their learning from other subjects whilst also retrieving previously taught knowledge. The D&T projects enable pupils to develop their creativity alongside technical skills, gain the knowledge needed to design and make high quality products, evaluate and improve their creations and understand nutrition principles. By teaching our children technical knowledge and vocabulary pupils are able to effectively articulate their ideas and reason why they have made certain choices to their peers and adults.

Throughout our D&T units, children are encouraged to work cooperatively with others, whilst also exploring their own thoughts, ideas and beliefs. They are encouraged to take risks and select appropriate tools and techniques, developing their imagination, resourcefulness and resilience, which equips them with the skills to become independent and creative problem solvers.

## How do we celebrate Design and Technology in our school?

At St Brendan's we want children to be proud of their achievements in Design and Technology, it is important that their hard work and effort is recognised to develop their confidence and love of learning. Children's D&T projects are displayed in their classroom and on displays around the school. They are also shared with parents/carers and the wider community through photos of the creations on social media. The children have the opportunity to share their designs in class assemblies throughout the year. We also hold craft afternoons with the children's families for key events throughout the year, so that children can demonstrate their design skills and share their achievements.

"I enjoyed making Tudor Houses and learning how to make them strong".

Year 2

