

**St Simon’s Design Technology Statement of Intent**

**Intent***Why do we teach this? Why do we teach it the way we do?*

At St Simon’s Catholic Primary School, we value Design Technology because we believe it will engage, inspire and challenge pupils, equipping them with the knowledge and skills to experiment, invents and create their own products. We believe they enables pupils to think critically and develop a more rigorous understanding of Design Technology. Children will know how Design Technology reflects and shapes our history, and contribute to the culture, creativity and wealth of our nation. Children consider their own and others’ needs, wants and values.

**Implementation***What do we teach? What does this look like?*

Our curriculum is shaped by our school vision, to STRIVE to be the best we can be for the Glory of God.

The aims of teaching Design Technology at St Simon’s Catholic Primary School are for:

* Children can experiment, invent and create their own works of design and technology
* Children can think critically and develop a more rigorous understanding of design
* Children know how art and design technology reflects and shapes our history and contributes to the culture, creativity and wealth of our nation
* Children can produce creative work, exploring their ideas and recording their experiences
* Children are proficient in researching, designing, creating and evaluating products
* Children can evaluate and analyse creative works using the language of art, craft and design technology
* Children develop their technical knowledge applying their understanding
* Children are taught to cook and apply their principles of nutrition and healthy eating
* Children know about great designers, and understand the historical and cultural development of products

In line with the National Curriculum, we ensure that children:

* Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
* Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
* Critique, evaluate and test their ideas and products and the work of others
* Understand and apply the principles of nutrition and learn how to cook.

Our teaching and learning:

At St Simon’s Catholic Primary School, Design Technology plays an important part in school life. Every class has regular Design Technology lessons in which the skills needed to make progress are taught. At a HLTA plans and delivers these lessons with input from class teachers from year 1- year 6.

**Impact***What will this look like?*

By the time children leave St Simon’s Catholic Primary School they will:

* Use a range of materials creatively to design and make products
* Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
* Critique, evaluate and test their ideas and products and the work of others
* Apply the principles of nutrition when cooking

The integral nature of the Design Curriculum at St Simon’s creates rich opportunities for children to access fundamental skills including:

* A respect for **spiritual**, cultural and historic diversity.
* Being **trusted** when interacting and working with others.
* Increased **resilience** to continue trying and improving through a process of self-reflection.
* An **inquisitive** nature to explore new things and take risks.
* Being **valued** both individually and as part of a team.
* A sense of **exceptional** achievement.