



St. Patrick's Catholic Primary School

Design & Technology

Intent, Implementation and Impact Statement

Intent.

At St. Patrick's our aim is to develop an appreciation of the role that Design and Technology has to play in our world. The children will learn, through both evaluation of products and use of the internet for research, to explore how things work and are used to respond to the needs of our world. They will develop imaginative thinking, discuss designs and products critically and learn how to select and use appropriate techniques and tools. Finally, they will develop an understanding of technological processes, products, their manufacture and their contribution to our world.

We recognise that Design and Technology can be an effective motivational tool for children of all ability levels. It can help promote children's self-esteem, perseverance and independence through the production of quality outcomes.

Implementation

A national scheme of work provided by the *Design & Technology Association*, a body that supports schools in the teaching and learning of Design & Technology, has been used to implement the National Curriculum for Design & Technology in an imaginative way. It provides a clear progression for programmes of study at key stage 1 and 2. Links are made with other subjects whenever possible.

We recognise this fact and provide suitable learning opportunities for all children by matching the challenge of the task to the ability of the child. We achieve this through a range of strategies:

- setting common tasks that are open-ended and can have a variety of results;
- setting tasks of increasing difficulty where not all children complete all tasks;
- providing a range of challenges through the provision of different resources;
- using additional adults to support the work of individual children or small groups.

Impact

Through the evaluation of past and present design and technology, the children will develop a critical understanding of its impact on daily life. They will build and apply a repertoire of knowledge, understanding and skills understand and apply the principles of nutrition and learn how to cook. They will develop the creative, technical and practical expertise needed to participate successfully in an increasingly technological world. They

will learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. High-quality Design and Technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.