

Sacred Heart Catholic Primary School



Design and Technology Intent

Mission Statement

Our school Mission Statement reflects our school's mission to always serve God in all aspects of our daily life.

'We Love and Learn with Jesus'

**"Let it be known to all who enter here that Christ
is the reason for this school,
the unseen but ever-present teacher in its classes,
the model for its children, the inspiration for its staff."**

Vision Statement:

Every person in the school is a unique creation and so the school's aims are a reflection of the considered beliefs of the whole school community: all who learn and work there, parents, governors, parish, diocese and local education authority.

Aims:

Faith:

To be a Christian community, witnesses to Christ, where all can experience and grow in Christian love, through God's word and the gifts of His sacraments through prayer and personal example.

Ourselves:

To develop the self-worth of each individual so that they can recognise their achievements in fulfilling their potential: to develop self-confidence; to learn self-awareness and honesty about emotions and feelings; to learn to be self-giving and trustworthy; to learn to think for themselves and encourage self-discipline; to have a positive attitude.

Others:

To value the worth of every person; to develop politeness, thoughtfulness and consideration for others and to respect the views of others; encourage a positive view of authority; appreciate the benefits of working for and with the whole community.

Learning:

To provide every child, within their range of abilities with a secure, loving, relaxed and happy environment, that stimulates a thirst for learning; to encourage effective study habits; to encourage joy in creativity and satisfaction in achievement; to ensure that all children are prepared for transition to secondary school and beyond.

Environment:

Increase our appreciation of the school's environment and from there to appreciate and respect the wider world; to encourage a curiosity and awe of God's creation and to foster a concern for its future and its heritage.

We will deliver the best possible provision for our pupils by ensuring the following:

- An inclusive curriculum where our children make the best possible progress, whatever their needs or abilities. Pupils are supported to develop confidence in their own abilities and strengths in all areas of their school life
- Motivated and knowledgeable staff who offer unique teaching and learning experiences
- Close liaison and partnership with parents and carers
- Individual teaching, small groups and whole class sessions where the pupils benefit from interaction with peers and develop new approaches to learning
- A programme of enrichment experiences providing opportunities to deepen knowledge supporting academic learning/achievement
- Partnering with other specialist professionals such as Speech and Language Therapists, Play Therapists, Educational Psychologists and Occupational Therapists
- Promoting continual professional development for all staff in the school, to ensure that Sacred Heart provides the best education for their pupils
- An inclusive whole school approach to self-evaluation and school development planning; creating a culture of continuous improvement and forward thinking

Intent

It is our intent for the DT element of our school curriculum to inspire pupils to use creativity and imagination to design and make products that will solve real and relevant problems within a variety of contexts, considering their own and other's needs, wants and values. They will explore a wide range of materials and processes to make things of quality that work and develop the importance of precision and working carefully.

By the time children leave Sacred Heart, they will have mastered a range of skills that will support their future development. These are:

- To be good communicators – language will be modelled daily to encourage speaking and listening and understand that art and DT is another form of communication to those around them and how feeling can be portrayed in different mediums.
- To be enthusiastic, lifelong learners with an interest in art and DT when they can visualise it in the world around them.
- To understand how to keep themselves safe and be respectful in their communities by using DT to express their feelings in a way that is considerate to their different audiences.
- To develop their God given talents by being creative.
- To be independent, resilient learners who enjoy challenges.

We plan using the National Curriculum and the KAPOW scheme. Units are selected to make cross curricular links building on prior knowledge and using progression maps. The children will develop a broad range of subject knowledge with many cross curricular links such as maths, science, engineering, computing and art.

Pupils will learn how to take risks and be more resourceful and innovative in their designs.

Children will learn to critically evaluate products they use in order to inform their own designs and then evaluate their own work, thinking about how they can make changes and keep improving.

When children leave Sacred Heart Catholic Primary School, we expect them to have a sound understanding of the key skills and techniques required in DT. They should be able to build simple structures, construct mechanisms, sew competently and cook a range of products. They should be competent designers, who are able to evaluate their own work and who are well-equipped to take part in the next stage of their education.

