# Design & Technology Policy October 2017

# Saint Augustine Webster Catholic Voluntary Academy

## Mission Statement

**The school will aim to:**

- develop an awareness of God's love and presence in individual's lives and to elicit a response to that;

- help pupils to develop a reasoned set of attitudes, values and beliefs allowing the individual to make sound and moral judgements in the light of personal commitment to the Lord, Jesus Christ;

- make prayer, worship and liturgy valued experiences;

- develop real links with home and parish;

- create caring relationships with all those children and adults who are involved in the school.

# Policy on Design and Technology

## 1      Aims and objectives

1.1     We believe that education in Design & Technology prepares children to participate in tomorrows rapidly changing Technologies. Children are provided with the opportunity to realise their full potential in the development of Design and Technology capability. They learn to think and intervene creatively to improve quality of life. The subject calls for pupils to become autonomous and creative problem solvers, as individuals and members of a team. Through Design and Technology, all pupils can become innovators.

1.2     Our objectives in the teaching of Design & Technology are for all of our children to:

- Investigate and evaluate a widening range of familiar products in order to inform their designing and making.
- Engage in focussed practical tasks that develop a range of techniques, skills, processes and knowledge required for designing and making.
- Engage in design and make assignments involving them working with a range of materials and in differing contexts.
- Develop appropriate hygienic, proficient and safe working techniques when using a range of equipment and materials.
- Develop an understanding of how to select and use appropriate ways of shaping, joining, combining and finishing materials relevant to the Key Stage.
- Evaluate and improve their products until they are well fitted for their intended purpose.
- Work both independently and co – operatively in teams and take increasing responsibility for their work by developing appropriate planning skills.
- Generate ideas for products after thinking about who will use them and what they will be used for.
- Develop skills needed to explain accurately and confidently their thoughts, ideas and decisions.

## 2      Teaching and learning style

2.1     We use a range of teaching and learning styles to meet the Design and Technology requirements of the National Curriculum. As a school we encourage the involvement of support and advisory teachers, parents, non – teaching staff and governors. We welcome visitors from business and industry to give our pupils an insight into the world of work and real – life contexts.

## 3      The Foundation Stage

3.1     We teach Design and Technology in EYFS as an integral part of our topic work. Children will have opportunities to learn simple cutting and joining techniques, explore movement through construction kits and talk about how products are made.

## 4  Design and Technology  and inclusion

4.1  All children will be encouraged and supported in the development of their Design and Technology through a range of activities. We recognise the importance of identifying the specific difficulties that individual children might have so that the appropriate teaching, organisational and resourcing strategies can be developed and adopted.

4.2  For gifted and talented pupils, teachers will provide additional opportunities to take responsibility, develop leadership skills, think creatively and use their talents for the good of the class or the wider community.


## 5  Assessment for learning

5.1  Our teachers assess the children's work in Design and Technology by making informal judgements, as they observe them during lessons.

5.2  We do not set formal examinations in Design and Technology. The assessments that we make of pupil achievement are positive and record achievement in its widest sense.


## 6  Resources

6.1  Our Design and Technology coordinator orders resources for each year group which is then distributed accordingly. There is also a central resource area in school consisting of generic materials that different year groups may need to use.


## 7  Monitoring and review

7.1  The Design and Technology coordinator will lead the delivery and development of Design and Technology in the school by:
- Ensuring consistent approaches throughout the school
- Establishing collaboration between year groups and throughout Key Stages to ensure continuity and progression.
- Providing guidance, advice and support to staff members.
- Updating staff on new resources and support available
- Being responsible for the organisation and maintenance of Design and Technology resources


**Signed: N. Drury**


**Date: Sept 17**