



# St James Church Of England Primary School

## Design and Technology Policy

At St James Primary School we have aspirations for every single child to succeed. Our children learn through a creative and inspirational curriculum that enables all children to live "life in all it's fullness" (John 10:10) to enjoy life and purpose underpinned by Christian values and a love of learning.

**Dream, believe, learn, achieve.**

### **Rationale:**

At St James Primary School we aim to promote equality of opportunity for all our pupils regardless of particular characteristics. When planning our curriculum, staff take due regard to ensure no child feels discriminated due to their particular characteristic.

Our curriculum is made up of the planned activities that we as a school deliver in order to promote learning, personal growth and development. It includes not only the formal requirements of the National Curriculum, but also an exciting range of opportunities to enrich the experience. We aim to teach our children to grow into positive, responsible role models who can work and co-operate with others whilst developing the knowledge, skills and understanding within subjects as well as a positive attitude to use throughout their lives.

In Design and Technology (DT) children are taught to develop their capability through designing and making a range of products and systems for specific purposes. Pupils solve problems creatively as individuals and members of a team. In doing, so they reflect on and evaluate present and past design and technology, its uses and effects.

### **Purpose:**

Design & Technology offers opportunities to:

- To foster a positive attitude towards DT.

- To develop skills, knowledge and understanding, which children can apply to a technological process, planning and making with constant evaluation.
- To develop an awareness of the environment and appreciate that we can affect and control it to a certain extent.
- To develop the ability to communicate effectively - verbally, numerically and visually.
- To develop a range of thinking and encourage children to use their own strategies to solve problems.
- To develop social skills when working in a group.

### **Guidelines:**

1. All children are given equal opportunities to follow the National Curriculum for DT, which states DT will incorporate:

- Investigative skills where children disassemble and critically evaluate existing products to inform their own design. (IDEA)
- Focused Practical Task (FPT) where children are given an opportunity to learn and practice new skills and techniques.
- Design and Make Assignment (DMA) this is where children are allowed to be creative using what they have learnt through FPT.

2. Work is planned to ensure progression of content and skills across each Key Stage, appropriate to the children's ages and abilities.

3. Cross curricular links are made with other subjects, including ICT, where appropriate.

4. Children develop and practice particular skills and knowledge working with a range of tools, materials and equipment in a variety of ways.

5. Children investigate, disassemble and evaluate products before designing and making their own.

6. All children are made aware of Health and Safety issues when undertaking work

in DT.

**Conclusion:**

Design and technology provides an opportunity for all pupils to become discriminating and informed users of products and to become innovators.

**Policy Date:                      September 2018**

**Next Review Date:              September 2019**

Our school aims to support all families and the wider community. Any queries or concerns regarding individual policies will be considered on an individual basis.