



Journeying to Excellence  
Through Faith and Learning

# Alice Ingham RC Primary School

## Design and Technology Policy

Last reviewed on: September 2021

Next review due by: September 2023

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## **1. Subject Statement**

### **Intent**

The national curriculum for design and technology aims to ensure that all pupils:

- 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.

At Alice Ingham, we provide a broad and balanced curriculum which is underpinned by our Mission Statement 'Journeying to excellence through faith and learning.' We aim to provide children with a clear understanding of the possibilities and opportunities that there are for them in life. This includes the prospects that the skill of design and technology can open for them.

We believe that all children are able to develop and hone their skills in design and technology through a topic based curriculum. Design and technology is important because it encourages pupils to learn to think and intervene creatively to solve problems both as individuals and as members of a team. Children develop technical understanding and making skills, learn about design methods and investigate their environment and the materials around them.

We provide a rich environment in which we encourage and value creativity through teaching through topics. We believe this provide more opportunity for 'real world' problems. These "real world" opportunities are available to promote children's spiritual, moral, social and cultural development in Design and Technology.

### **Implementation**

Teachers create a positive attitude to Design and Technology learning within their classrooms and reinforce an expectation that all pupils are capable of achieving high standards. Our whole school approach to the teaching and learning of Design Technology involves the following;

- Design Technology will be taught discretely. Each year group from Year 1 to Year 6 will have timetabled lessons in the second half term of each term. In the Early Years Foundation Stage, design and technology forms part of the learning children acquire under the 'Knowledge and Understanding of the World' branch of the Foundation Stage curriculum.
- Using a DT skills progression map we ensure that children are challenged and progress within design each year.

### **Impact**

At Alice Ingham, we aim to provide high quality teaching of Design and Technology and ensure that we encourage children to be confident in their skills, ensuring progression through school.

Through quality teaching, we ensure that children are able to:

- Enhance their technical knowledge and grow confidence in the subject, eventually being able to independently select materials and tools based on their design.

- Thoroughly research existing products, considering what they feel are the strengths and weaknesses of products and allowing this to impact their design.
- Explore different ways of making a product, and continuously evaluate and improve as part of the making process.
- Be reflective learners, consider what went well and what could be improved and respond to this by improving the product.

## **2. Assessment**

Children's progress is continually monitored throughout their time at Alice Ingham Primary School and is used to inform future teaching and learning.

## **3. Planning and Resources**

Planning is a process in which all teachers are involved and will be done with partner teachers. Teachers have a skills progression overview, detailing the standards expected in their year group for; developing, planning and communicating ideas, food, textiles, construction and evaluation. All teachers keep a copy of the termly and weekly planning in their files.

## **4. Equal Opportunities (e.g. Gender, race)**

At Alice Ingham, we are committed to providing all children with an equal entitlement to Design and Technology activities and opportunities regardless of race, gender, culture or class.

## **5. Inclusion (e.g. EAL/SEN/PPG/Provision for HA)**

All children are encouraged and supported to develop their full potential in Design and Technology. Some children may require extra support in the classroom and opportunities for consolidation and reinforcement. Design and Technology, by nature, is a very inclusive subject, and we wish all children to be able to access and enjoy our Design and Technology lessons.

## **6. Role of the Subject Leader**

It is the responsibility of the subject leader to monitor the standards of children's work. The subject leader is also responsible for supporting colleagues in their teaching, for being informed about current developments in the subject, and for providing a strategic lead and vision for design and technology in the school. The subject leader monitors the resources, planning and Design and Technology coverage. They are also responsible for booking trips and workshops to support learning. The subject leader has an allocated time for fulfilling the task of reviewing samples of children's work, lesson visits, training, liaising with other subject leaders from other schools, liaising with staff members about their lessons, pupil/staff voice, and organising enhancements.