



*‘Be the best you can be; together we grow from acorns
to oaks, flourishing in God’s love’*

Trust, Friendship, Respect, Forgiveness, Courage, Truthfulness

DESIGN & TECHNOLOGY POLICY

**Policy Lead
Committee:** Local Academy Committee

In consultation with: Senior Leadership Team

Approved by:

M. Creed, Chair of Committee

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1. Introduction

At Bream C of E Primary school, we believe that design and technology develops young children's skills and knowledge in design, structures, mechanisms, electrical control and a range of materials, including food. Design and technology is a way of learning, which spans and links the whole curriculum. It has its roots in imaginative play, art, science and maths.

2. Aims & Objectives

The aims and objectives of Design and Technology at Bream Church of England Primary School:

- To support our children in becoming caring, confident, curious learners.
- To provide teaching that will allow all pupils to reach their full potential and experience success.
- To develop pride and enjoyment in their technological and creative abilities.
- To support understanding and knowledge related to the practical and aesthetic aspects of their experience of the world around them, including the influence of technology achievements of different cultures, past and present.
- To manipulate skills using a range of tools and materials.
- To support a keen interest in creating and developing functional and decorative design ideas.
- To provide a medium for cross-curricular links and for reinforcement of knowledge, skills and understanding developed in other subjects.
- To embed a deeper understanding of the principles of nutrition and cooking skills.
- To ensure all children have an awareness of the needs and safety of others.
- To form a sound basis for further study at key stage 3 and beyond.
- To be fully inclusive so that all children can access a high-quality Design and Technology curriculum, through learning tasks that are appropriately matched to their abilities, providing suitable learning opportunities and challenge. To support and improve children's confidence, perseverance and self-evaluation.

3. Planning and Progression

Each year, the children will follow the school's agreed units set out in our progression document. These are all closely linked to the National Curriculum and shows a clear progression of practical knowledge. The progression documents have inclusion as a golden thread and our Rosenshine pedagogy woven throughout.

The medium-term planning documents will indicate what is being taught during that half-term, as well as the learning objectives being achieved. Staff will then plan their individual



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lessons for children, based on their knowledge of the children's ability and previous learning. Staff will use a range of high-quality resources to plan and deliver well-structured and engaging lessons. Staff will also be aware of the previous learning to ensure consistent progression throughout each unit, with learning being built upon at all times. We will also enrich our curriculum with workshops led by STEM.

4. Assessment

All children, when learning and being taught Design and Technology should experience achievement, success and progression. Pupils' work is assessed informally on the basis of observation during the lesson, monitoring, the use of questioning, through peer- and self-assessment, by making designs, developing ideas, finding evidence of creativity, through problem-solving, focusing on the aesthetic quality and functionality of the end product. The progress and attainment are then recorded onto our school tracking system, Insight. Both verbal and written feedback is given with examples of good practice shared to encourage and motivate as well as being used to address any misconceptions.

Teachers make long term assessments towards the end of the school year, and they use these to assess progress against the learning objectives on Insights. Teachers report to parents around the effort and attainment made in Design and Technology on the end of year reports.

5. Special Needs and Greater Depth

All pupils at Bream Church of England Primary School are taught Design and Technology whatever their ability. It forms part of the school's policy to offer a broad and balanced education for all children. Appropriate learning opportunities are offered and support/challenge given, taking into account the targets identified on any plans/EHCPs. Specific tasks are carefully differentiated when required to meet the individual needs.

Staff are aware of and sensitive to any medical conditions (e.g. allergies) and different beliefs and practices within the school and local community that might affect their work with food, materials or design.

6. Resources and Health & Safety

Teachers use a variety of high-quality resources and STEM workshops to deliver the Design and Technology following the National Curriculum.

Safety is of paramount importance and it is the teacher's responsibility to be aware of safety issues in all Design and Technology activities by:

- Providing a safe working area (furniture, materials storage, tool maintenance)
- Teaching and implementing safety rules and good practice, including hygiene.
- Ensuring the safe and correct usage of tools and materials.



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- Ensuring working areas are kept clean and tidy.
- Considering storage of partially completed work.
- Ensuring the correct disposal of waste.

The teacher is responsible for ensuring that children are adequately supervised when using tools and that other adults working in the classroom understand safety rules and maintain rigorous safety standards.

Safety rules and safety issues should be taught to all children within each Design and Technology unit of work.

7. Monitoring

Monitoring of the standards of the children's work and of the quality of teaching in Design and Technology is the responsibility of the subject leader and SLT. The work of the subject leader also involves supporting colleagues in the teaching of Design and Technology, being informed about current developments in the subject, attending any relevant/high quality CPD, and providing a strategic lead and direction for the subject in the school.

This policy is available on the school website: www.breamcofe.co.uk/policies

Paper copies are available on request from the School Office.