



# BUXTON INFANT SCHOOL

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# DESIGN AND TECHNOLOGY POLICY

## BUXTON INFANT SCHOOL

This policy was reviewed by the Governing Body on 22<sup>nd</sup> November 2017

It will be reviewed November 2020

Signed:

Date:

# Design and Technology Policy

## Definition

Design and Technology prepares pupils to participate in tomorrow's rapidly changing technologies. They will have the opportunity 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.

## Aims

- To look for needs, wants and opportunities and respond to them by developing a range of ideas and making products and systems.
- To combine practical skills with an understanding of aesthetics, social and environmental issues, and function and industrial practices.
- To reflect on and evaluate present and past design and technology, its uses and effects.
- To become discriminating and informed users of products, and become innovators.

## Objectives

In order to achieve these aims, the pupils will be given opportunities to:

- Value their own and each other's ideas and work.
- Develop skills using sketchbooks and media exploration.
- Work through a project in pairs or as part of a group.
- Communicate ideas in a visual form as well as through discussions and evaluation.
- Explore a variety of materials using a wide range of tools and other resources.
- Investigate and experiment using the skills and processes taught, without demanding an end product.

## Content

Design and Technology is taught as a separate subject by individual class teachers, using a mixture of whole-class teaching and group/individual work, implementing a range of teaching strategies. The school uses a Scheme of Work produced by the design technology of association and fully covers the process laid down in the Revised National Curriculum

Three types of activity are covered to enable the pupils to experience the breadth of the subject and manage learning. They are investigating and evaluating (IEAs), focused tasks (FTs), and design and make assignments (DMEAs). A unit of work will normally involve IDEAs and/or FTs followed by a DMEA.

Year groups often choose to deliver the content of a single unit of work over a full day to enable children to see a project through from design through making and evaluation.

### **Evaluation and Assessment**

Teacher assessment will be carried out continually through discussion and observation and general questioning. Summative teacher assessment based upon the level descriptors will be used to inform the relevant section of each child's report at the end of each year. The children's sketchbooks will also provide evidence of progression in skills.

### **Monitoring and Review**

The Headteacher, the DT Co-ordinator and the Link Governor are responsible for ensuring the appropriate policy statements and Schemes of Work are drawn up and revised in line with the School Improvement Plan and any revisions in DFE expectation.

The DT Co-ordinator and individual class teachers are responsible for medium and short-term planning.

### **Health and Safety**

All children are taught how to use and handle equipment safely. Teachers ensure that all out-of-school activities comply with the guidelines in the school's Health and Safety policy that should be read alongside this policy. Any visiting speakers will also be subject to relevant checks.

### **Equal Opportunities**

All children will be given equal access to DT irrespective of race, gender, creed, level of ability or nationality.

Adopted by the Curriculum Committee on **22<sup>nd</sup> November 2017**