

DESIGN AND TECHNOLOGY POLICY: Spring 2018

*Colehill First School is a Rights Respecting School. As such it is committed to upholding children's rights and promoting their responsibilities under the UN Convention for the Rights of the Child (UNCRC).
The contents of this policy are fully in keeping with this commitment.*

Introduction

At Colehill First School, we are concerned with the education of the whole child, the development of Design and Technology skills which will enable the achievement of personal fulfilment and the satisfaction of the child. The success of a child in Design and Technology increases their self-esteem and enjoyment of the subject.

This policy outlines the teaching and learning of Design and Technology. It reflects the views of all the teaching staff and will be reviewed annually by the subject leader. The implementation of the policy is the responsibility of all teaching staff and will be monitored by the subject leader and the Head Teacher.

Aims

Our aims are:

- To encourage the development of original thought, personal expression and imagination
- To provide opportunities for all children to design and make good quality products
- To develop designing and making skills and knowledge and understanding to the best of each child's ability, using a range of tools, materials and components safely.
- To involve the children in developing an understanding of the ways in which people have designed products in the past and present to meet their needs
- To provide equal opportunities for all pupils to reach their full potential, regardless of their race, gender, cultural background or ability.

Our Approach

- D.T. projects will always include the following types of activity:
 1. investigative, disassembly and evaluative activities
 2. focused practical tasks
 3. designing, making and evaluating projects
- Children should be given adequate time to develop their own ideas
- The teacher's role is important in guiding children by the use of questioning and demonstrating
- Children should be encouraged to ask questions, make predictions and test hypotheses.

Learning Outcomes

Children will design and make a range of products. A good quality finish will be encouraged in all designs and 'making' activities appropriate to the age and ability of the child.

- Children will see their design and technology pieces on display
- Children will be involved in the 'whole' process of developing a product – designing, making and evaluating it.

Links with other subjects

- Relevant cross-curricular links will be detailed in planned units of work.

Commercial Schemes

- The LCP commercial scheme of Work is used as a basis to focus our D.T. Learning. Year R follow the EYFS curriculum, focusing on the Early Learning Goals for Expressive Arts and Design.

Equal Opportunities

- We believe that it is important for all children to experience a full range of Design and Technology activities, regardless of their race, gender, cultural background or ability.

Special Education Needs

- All children will be encouraged and supported whilst developing their design and technology skills. We recognise the importance of identifying the specific difficulties that individual children might have so that appropriate support, guidance and encouragement can be adopted.

Early Years

Design and Technology is taught in Reception classes as an integral part of the topic work covered during the year. As the Reception class is part of the Foundation stage of the National Curriculum, we relate the D.T. aspects of the children's work to the objectives set out in the Early Learning Goals (ELGs) which underpin the curriculum planning for children aged three to five. Design and Technology is covered through the 'Expressive Arts and Design', 'Understanding the World', 'Physical development' and 'Personal, Social and Emotional' Areas of the curriculum. Children are given opportunities to learn simple cutting, joining techniques, explore movement through various construction kits and talk about how products are made, both through focused and independent tasks.

Assessment, Recording and Reporting

- At various stages throughout the academic year the children will be informally assessed on the progression of their skills. There is a summative assessment in place for the end of the year which links directly to the objectives of the National Curriculum. These assessments will be monitored by the subject leader and will be passed on to the teacher of the next year group.
- Examples of work, including photographs, will be kept digitally on the school's shared drive demonstrating the range of abilities within different year groups.
- The annual report to parents will give details of progression and achievements made in designing and making.

Resources

Resources for designing and making are stored centrally in the D.T. stock cupboard. Food resources, tools and equipment are kept in the hall store cupboard. Published resources to support teaching and learning in Design and Technology are stored in the library.

Health and Safety

For more details please refer to the Health and safety policy.

- Teachers will always teach the safe use of tools and equipment and insist on good practice at all times.
- Children will be taught to return tools to the appropriate place when not in use.
- Risk assessments are made by the class teacher if using tools such as saws/ glue guns. These are stored in the Risk Assessments folder on the school's shared drive.

Food – hygiene and safety

Please refer to the health and safety policy.

- Food will be bought and used on the day it is needed.
- Any allergies are considered by the class teacher.

▪ **Role of the Subject Leader**

The subject leader will:

- provide guidance to individual members of staff
- keep up to date with local and national developments in Design and Technology and disseminate relevant information
- lead staff meetings updating staff on new skills, tools, materials
- review and monitor the success and progress of Design and Technology
- order stock linked to the planned units of work
- be responsible for the organisation and maintenance of Design and Technology resources.

Policy Review

This policy will be reviewed at least once every two years or more frequently if necessary, by the Design and Technology curriculum leader and the Academy committee.

Signed.....

Position: Chair of the Academy Committee

Date of policy: 16th January 2016

Date of review: 20th February 2018

Next scheduled review: Spring term 2020

This policy has been reviewed in line with the 9 principles set out in the Single Equality Policy and an initial screening Equality Impact Assessment has been carried out.