

DESIGN AND TECHNOLOGY POLICY

WOOD FARM PRIMARY SCHOOL, HEADINGTON, OXFORD.

September 1998

INTRODUCTION

Design and Technology is the ability to recognise and explore people's needs and wants, develop ideas about how these might be met and develop products that meet those needs.

AIMS

Our aims are governed by those of the National Curriculum.

The two attainment targets are:

1. Designing
2. Making

These should be combined with knowledge and understanding.

The programme of study states that children should have the opportunity to:-

- learn knowledge and skills required to design and make products of good quality using a wide range of materials and components.
- investigate, disassemble, evaluate and improve their products.
- draw on their knowledge and skills from other subjects, particularly Maths, Science and Art.
- ensure progression so that each child's design and making becomes more complex as he / she develops.
- have special regard to SAFETY AT ALL TIMES.
- select appropriate equipment and use it properly and safely.
- work independently and in groups by K.S. 2.
- appreciate the impact of technology on everyday life.

GUIDELINES

Equal Opportunities

All pupils will be given the opportunity for first hand practical experience through a variety of activities.

Development and INSET

Each teacher will be responsible for the teaching of technology and will be allowed the freedom and flexibility to use their own strengths and interests as a vehicle for delivering technology.

Technology should not be viewed in isolation but will be built into the termly plans to supplement and develop work in other curriculum areas. The work itself may be individual, group or class orientated and will be flexible in nature to suit the needs of the task in hand. Teachers should draw on help and support from other adults who can offer expertise (e.g. parents).

Sandhills technology centre is a resource for all teachers to use.

Assessment

Assessment will be an integral part of the teaching and may take the form of discussion, questioning and observing children as they work or assessing the completed artefacts. Parents will be informed of their children's progress on the annual report.

Tools and Materials

Technology resources are stored in the resource area in the Mary Bews building.

They include:

- woodwork tools
- wood
- correx
- wooden and card wheels
- cotton reels
- artstraws
- matchsticks
- lolly sticks
- elastic bands
- masking tape
- balloons
- reclaimed materials.

The technology co-ordinator is available to offer support and advice and will also be responsible for the management of central resources.

Health and Safety

The safety of children is the direct responsibility of the class teacher. Technology is made safer if care is taken with the choice and use of materials and tools and children are well disciplined in their use.

Some points to remember are:

1. No pupils should be allowed to use tools for practical work unsupervised.
2. Children should first be taught how to use tools safely.
3. Tools should be kept in good condition.
4. Do not allow children to walk from one area of the classroom to another with tools or materials.
5. Ensure working areas and surfaces do not get overcrowded.
6. Electrical work should be carried out using batteries (not direct from the mains), apart from glue guns.
7. Do not use rechargeable batteries. If connected wrongly they can overheat, leak and burn a child.
8. Make sure there is adequate ventilation when using certain paints and glues.
9. Children should only use low heat glue guns under adult supervision.
10. Craft knives should only be used under adult supervision.
11. When cooking, staff should refer to the cooking policy so that they follow the guidelines for hygiene and safe storage of food.
12. There is a copy of the 'Be Safe' booklet in the staffroom.