



DESIGN & TECHNOLOGY POLICY

2022-2023

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Reviewed by: Miss H Hinson

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Design and Technology prepares children to take part in the development of today's rapidly changing world. Creative thinking encourages children to make positive changes to their quality of life. The subject encourages children to become autonomous and creative problem-solvers, both as individuals and as part of a team. It enables them to identify needs and opportunities and to respond by developing ideas and eventually making products and systems.

Through the study of design and technology they combine practical skills with an understanding of aesthetic, social and environmental issues, as well as functions and industrial practices. This allows them to reflect on and evaluate present and past design and technology, its uses and its impacts. We live in a technological age, surrounded by artefacts and systems which have been produced, designed and made for us by other humans working together in a complex range of activities.

Aims

Design and Technology is a practical subject. At Moggerhanger Primary School we aim to:

- prepare pupils to participate in tomorrow's rapidly changing technologies.
- provide opportunities for all the children to design and make quality products.
- provide children with the opportunity to explore food and cooking techniques
- develop design and making skills, knowledge and understanding; using and selecting a range of tool, materials and components.
- become creative problem solvers as individuals and members of a team.
- be able to use computing in conjunction with the Designing and Making process.
- develop an ability to critique, evaluate and test their ideas and products and the work of others
- help the children develop an understanding of the ways people in the past and present have used design to meet their needs. To reflect on and evaluate such techniques, its uses and effects

Objectives

To achieve our aims, we ensure that the planned activities our children undertake are at once challenging, motivating, relevant and enjoyable. We give children confidence in their work by providing continual support and encouragement. The children will be extended in their work in a way which develops their expertise. The children will be provided with quality resources wherever possible

Assessment, Recording and Reporting

At all times, the marking of work be in line with the school marking policy and will respect pupil's achievements, give positive feedback and avoid defacing or spoiling the products of their work. Effective feedback gives pupils guidance about how they might improve the quality of their products in design and technology.

Safety in Design and Technology

The safety of the children is the responsibility of the class teacher. The children are made aware of the safe use and correct procedure involved when using tools and equipment in a learning environment and how to follow proper procedures for food safety and hygiene. The children are made aware of the need to be careful and to understand that their actions can affect others. The children build up a range of skills when using equipment to reduce unnecessary risk. All staff, including helpers, are made aware of food safety procedures when working with food to minimise any risks. The children wear protective clothing if necessary.

Resources

Moggerhanger Primary School has a wide range of resources to support the teaching of Design and Technology. Classrooms have a range of basic resources, with the more specialised art/creative equipment being kept in the art cupboard in Chicks class. This is accessible to children only under adult supervision.

Role of the Subject Leader

The subject leader will guide and inspire learning, monitor and evaluate teaching and learning. They will also provide support and guidance to colleagues on teaching the units of work, as well as maintain equipment and make them easily accessible for teachers.