

Design and Technology Policy

Rationale

Design and technology prepares children to take part in the development of tomorrow's rapidly changing world. Creative thinking encourages children to make positive changes to their quality of life. The subject inspires 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 of functions and industrial practices. This allows them to reflect on and evaluate present and past design and technology, its uses, and its impacts. Design and technology helps all children to become discriminating and informed consumers and potential innovators.

Purpose

1. Our principal aim is to develop children's knowledge, skills and understanding in design and technology using a variety of teaching and learning styles in design and technology lessons.
2. Children use a wide range of materials and resources, including ICT.
3. We meet the needs of all pupils by providing learning opportunities that match the challenge of the task to the ability of the child, inclusive of those with special educational needs, disabilities, special gifts and talents, and of those learning English as an additional language.
4. We use a creative approach towards our curriculum planning design and technology linking our class projects with the current topic, whilst ensuring progression of skills.
5. Activities in design and technology build on prior learning with an increasing challenge for the children as they move up through the school.
6. Design and technology forms part of our school curriculum policy to provide a broad and balanced education for all our children.

Broad Guidelines

1. Children will use sketchbooks as an ongoing record of their learning and achievement, which they can use to further develop their ideas, skills and understanding, investigating, and evaluation of work. Sketchbooks will move through the school as the children progress from one year to another, and across key stages.
2. Teachers ensure that the children apply their knowledge and understanding when developing ideas, planning, making products, and then evaluating them
3. Design and technology is assessed in accordance with the school's assessment policy. This enables the teacher to make an annual assessment of progress for each child, as part of the child's annual report to parents.
4. The design and technology subject leader retains evidence of the children's work in a portfolio on the school network which is saved by each class teacher.
5. The DT team regularly review individual evidence of children's work alongside observations and pupil interviews to assess outcomes against the national curriculum aims. The monitoring of the standards of children's work and of the quality of teaching in art and design is the responsibility of the subject leader.
6. In design and technology, the general teaching requirement for health and safety applies. We teach children how to follow proper procedures for food safety and hygiene.
7. An extensive collection of labelled which are easily accessible to pupils and staff.
8. The work of the subject leader also involves supporting colleagues in their teaching, being informed about current developments in design and technology, and providing a strategic lead and direction for this subject in the school.
9. The subject leader reviews and evaluates the action plan, budget, planning and sketchbooks annually.

Conclusion

Design and technology contributes to the teaching of personal, social and health education and citizenship. We encourage the children to develop a sense of responsibility in following safe procedures when making things. They also learn about health and healthy diets. Their work encourages them to be responsible and to set targets to meet deadlines, and they also learn, through their understanding of personal hygiene, how to prevent disease from spreading when working with food.

Headteacher	Date taken to Staff	Chair of Governors
Date: June 2020	Date: June 2020	Date:
Review Date: June 2023		

