

Design and Technology Policy

Aims of policy:

- Develop the creative and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasing technological world.
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make high quality prototypes and products for a wide range of users.
- Critique, evaluate and test their ideas and products and the work of others. Understand the principles of nutrition and learn how to cook.

Intent:

Design and Technology is an inspiring, rigorous and practical subject. It encourages children to learn to think and intervene creatively to solve problems both as individuals and as members of a team. We encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We aim to, wherever possible, link work to other disciplines such as mathematics, science, engineering, computing and art. The children are also given opportunities to reflect upon and evaluate past and present design technology, its uses and its effectiveness and are encouraged to become innovators and risk-takers.

Implementation:

Through a variety of creative and practical activities, we teach the knowledge, understanding and skills needed to engage in the process of designing and making. The children design and create products that consider function and purpose and which are relevant to a range of sectors.

Key skills and key knowledge for Design and Technology have been mapped across the school to ensure progression between year groups. The context for the children's work in Design and Technology is also well considered and children learn about real life structures and the purpose of specific examples, as well as developing their skills throughout the programme of study.

Impact:

We will monitor and measure the impact through:

- Assessment Drops
- Pupil Conferencing
- Book Scrutiny
- Lesson monitoring
- Review of teacher expertise and subject knowledge

The monitoring of Design and Technology teaching and pupil progress is the shared responsibility of teachers, the subject leader and the senior leadership team as well as the governing body. The work of the subject leader includes supporting colleagues in the teaching of Design and Technology, keeping up to date with current developments as well as providing a strategic lead and direction for the subject.



Growing to be the best that we can be for God, Ourselves and Each Other
*Thessalonians 5:11: Therefore encourage one another and build one another up,
just as you are doing.*