



DESIGN TECHNOLOGY

‘You can’t use up creativity. The more you use, the more you have.’ Maya Angelou

Design and Technology is an inspirational, rigorous and hands-on subject. Teaching this subject shows pupils how to consider the needs, wants and values of themselves and others. Using imagination, pupils creatively design and make products that solve real and relevant problems, within a variety of contexts. Pupils are encouraged to become creative problem-solvers and thinkers as individuals. Collaborative work and the skills needed to be an effective team play member. Our curriculum allows pupils follow a process where creating a specification and evaluating against the criteria are key. Design technology projects allow pupils to apply skills from across the curriculum; mathematics, science, computing and art – to design, make and evaluate their products.

Design and Technology allows pupils to develop skills that stimulate their creativity, imagination and inventive thoughts. Our curriculum supports pupils with how to use tools safely with adult support (lower key stages). Design technology also encompasses food technology which starts with children developing an understanding of where food comes from, the importance of a varied and healthy diet and how to prepare this safely. This is linked closely to our PSHE and Science topics.

Intent	<ul style="list-style-type: none"> ✓ Pupils will be able to work cooperatively with their peers to generate or evaluate using a design specification or criteria. ✓ Pupils will use their critical thinking skills to problems linked to real life in a variety of contexts. ✓ The curriculum will be enthusiastic about learning how to create new products and use new tools safely.
Implementation	<ul style="list-style-type: none"> ✓ Pupils record their learning in the back of their art journal. This is for them to showcase or explain the techniques they can use. ✓ Pupils are encouraged to make annotations to photos or designs to stimulate the use of vocabulary. ✓ Teachers will ensure that planning is cross-curricular and linked to real life or relevant problems. Planning will link to the class topic driver for the term or half term.
Impact	<ul style="list-style-type: none"> ✓ Pupils know how to use tools safely (with adult support for lower key stages.)

	<ul style="list-style-type: none">✓ Collaborative skills are used in lessons and pupils endeavour to be team players and be an asset to their group.✓ Pupils are keen to evaluate their products using a criteria and can critically suggest changes in a constructive manner.✓ Pupils will have a clear and comprehensive understanding of food technology.
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