



Curriculum Statement for the Teaching and Learning of Design and Technology

Our values-based school nurtures curiosity and creativity through an inspiring, broad and engaging curriculum, where learning is at the heart of all that we do. Our children learn to become resilient and self-assured in an environment where safety is paramount. Everyone is challenged and encouraged to thrive and achieve as individuals, preparing them for their role as caring and active citizens in modern Britain.

Intent	<p>At Buckton Vale we strive to provide all children with opportunities to design, plan and evaluate developing creative thinking for a defined purpose and user. Children will be given opportunities to evaluate real products using a skills led curriculum that is challenging and creative, allowing children to plan, innovate and develop new products for a developing world.</p> <p>Children are taught to apply cross curriculum skills from maths, science, art and computing to enhance their learning in design and technology. They develop a deep understanding and critical thinking of how the wider world works and what impact this has on their lives.</p>
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	The Teaching of Skills	Lifelong Learning and Celebration of DT	Topic Specific Vocabulary
Underpinned by	Design and Technology is taught through a skills based curriculum and using the Kapow scheme. Children are encouraged to explore, evaluate existing projects, developed technical vocabulary and knowledge which they use to innovate and plan new designs, testing them out for a defined purpose. Children are regularly taught skills of cooking and nutrition, how to make simple meals using a range of ingredients, cooking equipment and heat sources.	The children at Buckton Vale are taught skills through clear progression. They are given regular opportunities to revisit and practise skills throughout their time at Buckton Vale and apply new skills in meaningful and exciting lessons. At Buckton Vale we regularly celebrate the children's work. Children are proud of their outcomes/products and enjoy sharing these with peers, visiting adults and parents.	Children across all key stages will be able to use and understand topic specific language based on the Design and Technology unit they are currently learning about and those they have learned previously.



	Curriculum Progression	Curriculum Links	Resources
Implementation	<p>A clear skills progression is followed by teachers in their planning. This ensures planning is effective and key skills and knowledge are developed in an appropriate, challenging manner. This ensure skills are progressive and children build on them as they move through the Key Stages. They are then ready for the KS3 curriculum.</p> <p>Children are well prepared for the wider world.</p>	<p>Staff have the opportunity to develop links between other subjects to ensure other areas of the curriculum are integrated within Design and Technology. This will ensure pupils have the opportunity to develop and embed important skills.</p>	<p>Children are taught to use and have access to a wide range of real tools. Children of all ages are taught how to use tools safely and independently. Children also have access to a wide range of materials to explore and select from.</p>

	Pupil Voice	Evidence and Knowledge	Evidence in Skills
Impact outcomes	<p>Pupil voice shows children enjoy their design and technology lessons. They are able to talk about what they have done and the process they explored during the project. They are developing an understanding of jobs and roles that are enhanced by skills developed in lessons. Children explain they understand how the skills developed in D&T lessons can support their life opportunities.</p>	<p>As D&T can create a range of work both practical and recorded. Each class will create a class floor book showing the development of the project and record key vocabulary and skills taught. These should include pupils voice and photographic evidence throughout the process.</p>	<p>Children follow a clear skills progression through the Kapow scheme demonstrated in oral, written and final products. Pupils use acquired vocabulary in lessons.</p>

We start each design and technology lesson by reminding the children about what they will be learning: This is a Design and Technology lesson. In Design and Technology lessons, we learn how to plan, design and create things (called 'products') which people use.