



Design and Technology at Tacolneston & Morley

<p>Our Design and Technology vision is for all of our pupils to be naturally curious about design. We teach them to share ideas, plan and research, solve problems and test and make a range of products. Children acquire a broad subject knowledge and draw on other subject disciplines. Pupils learn to take risks and know this is part of the learning; they are resourceful, enterprising and develop high levels of self-confidence. Our curriculum allows us to explore the area of Design and Technology including cookery through topic work and curriculum outcomes.</p>	<p>BIG IDEAS</p> <p>Children are taught to evaluate, critique and test their own and others' ideas through topic based projects and themes.</p> <p>The subject is rigorous and practical and links strongly to other curriculum disciplines: maths, science, engineering, computing and art. We think carefully about the opportunities provided for our children taking into account the differing needs so that all children can flourish and succeed.</p>	<p>SEQUENCING</p> <p>The sequencing of our Design and Technology curriculum ensures that the children have the prerequisite knowledge required in order to access new learning, concepts and techniques. The content has been carefully structured and our progression document ensures that the learning is built upon, and that children are then ready for the next stage of learning.</p>	<p>CONCEPTS</p> <p>Lessons can be part of topic teaching or they can stand alone depending on the areas of learning.</p> <p>Children challenge themselves to think deeply about new concepts and to make links to other areas of learning so that they are enriching their overall knowledge of designing and making and applying it to their experiences.</p>
<p>EYFS</p> <p>Our youngest children are given resources to cut, mark make, measure and fix. They are encouraged to be independent and resourceful and to solve real life problems in their own way in the classroom. They use the language of 'I like how you' and 'I wonder if' to encourage their reflective skills and to develop the skill of critique.</p>	<p>Our children develop the ability to be:</p> <p>Critical thinkers: resourceful and innovative</p> <p>Creators: creative and imaginative</p> <p>Collaborators: resilient, enterprising and take risks</p> <p>Communicators: reflective and aware of others</p>	<p>CONTEXT</p> <p>Children design and make products that solve real and relevant problems in a variety of contexts. In this way, they are engaged, excited and can see a real outcome to their efforts. We display these with the wider community at regular points in the school year.</p> <p>We expect children to produce work of high quality with a finish made appropriate to the age and ability of the children.</p>	