

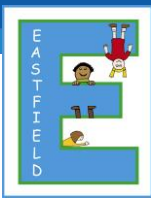
Design and Technology at Eastfield Primary School

Intent

At Eastfield Primary, we believe that the teaching and learning of Design and Technology is essential to the development of all the pupils in the world we live in today. Children are encouraged to develop a greater understanding and knowledge of technology, as well as their safe use of it. The skills and knowledge required by our Design and Technology curriculum give our children an opportunity to develop and enhance techniques that may be required later in life. DT also enables children to develop creativity and imagination as pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Our Design and Technology curriculum is split into 6 core skills (taught throughout the Key Stages): Food, Materials, Textiles, Electricals and electronics, Construction, Mechanics. These techniques have been purposefully selected to reflect the children's needs by supporting the children's learning further as this encourages them to take risks, become more resourceful and allows them to repeat the process contributing to our core value of resilience.

Implementation

At Eastfield Primary school, Design and Technology is taught within each year group through one project per term, allowing the children to experience and develop crucial skills and knowledge. These projects have been designed to include the main elements of designing, making and evaluating whilst developing the children's technical knowledge. Each project is strongly linked to Maths and Science allowing the children to make links and achieve a



deeper understanding. The outcomes of the projects are recorded in DT books through the use of detailed plans, design criteria, photo evidence of the skills being used and an informative evaluation. These are assessed through our age-related expectations on the school's internal assessment system, DCPro, throughout the year.

Impact

At Eastfield Primary School the children will be impacted by Design and Technology in the following ways:

- They will evaluate, test, and critique existing products, as well as their products and those of others
- To build up a range of skills and knowledge using a wide range of materials to create a product.
- To use their product to solve a problem by collaborating ideas and skills.
- To develop confidence in their own skills and knowledge to solve a practical problem through our detailed DT curriculum.

