



St. Leonard's C of E (A) Primary School

Subject Vision - Design Technology

K. Cullen



Intent
We aim for Design and Technology to be an inspiring, practical subject where pupils are encouraged to use their imagination to design and make products fit to solve real life problems, whilst considering the wants and needs of themselves and others. Cross-curricular links, particularly with maths, science, computing and art allow children to develop and use skills they have learnt in other areas of the curriculum, giving learning value and context. Throughout projects, children are encouraged to take risks, be creative, use innovative ideas and develop their enterprise skills. Through evaluation of designs and current technologies, we aim for the children to develop a critical understanding of how design and technology affects upon daily life and the wider world, studying key designers and be inspired by their works.
Implementation
St Leonard's Design and Technology curriculum aims to ensure that all pupils: • Learn the fundamental skills essential to Design and Technology ensuring children are achieving the three S's -something for, somebody for some purpose. Ensuring that their product has a user and a purpose; • Develop the creative, technical and practical skills that are needed in everyday tasks confidently and to be successful in an increasingly technological world; • Take part in investigative activities where children explore and learn from a range of existing products and find out about DT in the wider world studying key designers and their works; • Focused tasks where children are taught technical knowledge, designing and making skills needed in everyday tasks and to be successful in an increasingly technological world; • Will take part in three design, make and evaluate projects a year, where children create high-quality functional products with users and a purpose in mind. • At St Leonard's, we have the outdoor spaces, the forest school provision and the resources to provide a high-quality design and technology curriculum. Class teachers are responsible for teaching design technology, although there may be times when professional designers/helpers will be involved in the teaching of the topic. We take every opportunity to develop links with outside agencies and our partner schools in order to enrich our Design and Technology provision.
Impact
The children at St. Leonard's enjoy the excitement of creating their own high-quality products using the technical skills and quality resources available, they take such pride in all of their products, from fruit faces in Food Technology in year 1 to creating high quality phone cases in Textiles in year 6. We offer children opportunities to explore and engage with existing products, chance to design and test, to learn new skills using a variety of high-quality resources and opportunity to appreciate and evaluate the products they have made themselves. Design and Technology has created the world we live in today, we aim to inspire children to think outside the box and to use their creativity and imagination in order to best prepare them for their future.