

KEWSTOKE PRIMARY SCHOOL- DESIGN AND TECHNOLOGY CURRICULUM CONTENT

National Curriculum Expectations KS1 & 2

<https://www.gov.uk/government/publications/national-curriculum-in-england-design-and-technology-programmes-of-study/national-curriculum-in-england-design-and-technology-programmes-of-study>

Intent

At Kewstoke we know that Design and Technology encourages children to learn to think creatively to solve problems both as individuals and as members of a team. We enable children to use their creativity and imagination to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We aim to link work to other areas of the curriculum such as Geography, History and Science. The children are asked to reflect upon and evaluate past and present design technology, its uses and its effectiveness and are encouraged to innovate and take risks. Design and technology at Kewstoke develops children's skills and knowledge in design, structures, mechanisms, electrical control and a range of materials, including food. Our aim is to provide the children with a wide range of experiences that inspire them to be creative and encourages them to think about important issues including recyclable materials and the impact this has on our world. By the time our children leave us, they will be well equipped with the skills and the knowledge to research, design, make and evaluate their work and have a greater understanding of how D&T makes an essential contribution to the creativity, culture, wealth and well-being of the world.

Implementation

Teachers plan and deliver a variety of practical activities that encourage children to think creatively. The children work in a range of contexts linked, where possible, to the theme for the term, and partake in a design and make process that covers a wide range of skills, knowledge and understanding. The children are encouraged to experiment with a range of tools, materials and components. Prior learning and progression is always considered at the planning stage and key techniques/skills are revisited where necessary to ensure progression of all children.

Impact

At our school, we strive to ensure that children learn to become innovative, creative and resourceful individuals with a good understanding of the modern technological world. We ensure that children are able to think critically, assess and evaluate their own ideas, work collaboratively with a range of people, and develop essential life-skills such as learning to cook nutritious food. We use a range of monitoring and assessment tools to ensure that children are making progress, such as work scrutiny, pupil voice and lesson observations.