Intent

At Wooden Hill School, our Design and Technology curriculum aims to inspire pupils to develop their skills in creativity and critical thinking. Pupils are encouraged to develop these skills through planning, designing and evaluating their work for a variety of inspiring purposes. The curriculum at Wooden Hill School enables pupils to build their technical knowledge and skills as set out in the National Curriculum. Through engaging tasks, pupils are encouraged to challenge themselves to solve practical problems both individually and collaboratively. Pupils are also given regular opportunities to reflect upon their learning in order to help them develop their problem-solving skills. Through our Design and Technology lessons, pupils will be provided with a broad range of exciting and memorable experiences that will enable them to establish a love of the subject.

Implementation

Design and Technology is taught through a cross curricular approach that enables pupils to make links with many areas of learning including History, Science and Computing as well as the wider environment. Our yearly curriculum plans provide progression of skills across areas of 3D design, mechanical and electrical systems, textiles and cooking and nutrition, building upon prior learning and challenging pupils to gain skills that will help them as they move through school and into the wider world. Lessons are well resourced ensuring that pupils can experience hands-on and enriching learning experience. Pupils are taught key skills within each topic and provided with opportunities to practise and apply these to their own designs and models. Lessons are varied to incorporate a range of strategies including grouped, paired and independent tasks to ensure that all learning styles are considered and learning is engaging for all.

Impact

Through well planned and high-quality teaching of our Design and Technology curriculum, pupils will be equipped with the skills needed to approach a broad range of activities with enthusiasm and confidence. Pupils will develop their creative and practical expertise which, in turn, will positively impact upon their ability to participate in a range of tasks, as well as the challenges of an increasingly technological world.

At the end of each topic, pupils work is celebrated in a variety of ways including exhibitions, displays and book work. Children are taught to reflect upon their learning through shared discussion and written evaluations while teachers will also provide feedback and ongoing formative assessment to ensure that pupils are continually motivated and challenged.
Our Design and Technology curriculum enables pupils to develop the knowledge and skills required to become creative, innovative and resourceful members of society who will be well equipped for their next stage of learning as they move into secondary school.