



# Intent, Implementation and Impact for DT

## **Intent**

At Woodthorpe Primary School, we aim to provide children with a Design and Technology education that is relevant in our rapidly changing world. Design and Technology is a brilliant way for children to develop vital skills which are transferrable across the curriculum and important for growth both academically and socially. Through our DT curriculum, our children should be inspired by engineers, designers, chefs and architects to enable them to create a range of structures, mechanisms, textiles, electrical systems and food products with a real-life purpose. We believe that high-quality DT lessons will inspire children to think independently, innovatively and develop creative and technical understanding.

## **Implementation**

At Woodthorpe, our Design and Technology curriculum is planned to ensure the progression of skills, knowledge and understanding, using our Learning Journeys as the main driver we implement each journey the children embark on through carefully planned design and technology learning. We aim to, wherever possible, to link learning to other areas of the curriculum such as mathematics, history, science, engineering, computing and art, therefore, embedding and applying knowledge and understanding. At Woodthorpe our DT curriculum provides children with opportunities to research, represent their ideas, explore and investigate, develop, make a product and evaluate their work. Our children will have the opportunity to develop a range of physical skills which they will build on throughout the years, they have access to key knowledge, language and meanings to understand Design Technology and apply these skills across the curriculum from designing and making a Tudor house to re-enact the great fire of London in History, to building a wooden model controlled by a computer, in computing. At Woodthorpe, through a range of exciting planned tasks children will develop skills of teamwork, problem solving and resilience. Our children are encouraged to become creative thinkers, innovators and risk-takers, always reflecting on previous experiences of design and technology to progress their skills.

## **Impact**

At Woodthorpe, we believe that we give our children a great range of opportunities in the design and technology curriculum. Our curriculum is developed to provide well thought out lessons that demonstrate progression. Each Learning Journeys ends with our children creating a final product; these products are a fantastic way for children to demonstrate the skills they have learnt. As designers, our children will develop skills and attributes they can use beyond school and into adulthood