

Design and Technology Intent

Learning to learn	Here at Woodlands, we encourage our 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. Through inspiring and practical activities, the children acquire a broad range of subject knowledge and draw on disciplines such as maths, science, engineering, computing and art. The children learn how to take risks, become resourceful, innovative, enterprising and capable citizens.
Integration and application	Through exciting and engaging topics, we aim to give the children opportunities to develop the creative, technical and practical knowledge needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. The children will build and apply a repertoire of knowledge, understanding and skills in order to design and make prototypes and high-quality products for a wide range of users. They will critique, evaluate and test their own ideas and products as well as the work of others. As part of our DT curriculum, the children will understand and apply the principles of nutrition and will learn how to cook.
Understanding and caring for the world around us	We aim to provide a learning environment in which the children learn how to take risks, become resourceful, innovative, enterprising and capable citizens. The children will develop a critical understanding of design and technology and its impact on daily life and the wider world through the evaluation of past and present inventions.