



DT 3 I's

Design and technology is a process of planning, making and evaluating a product to solve a problem or fulfil a consumer need.

<u>Intent</u>	<u>Implementation</u>
<p>At Caldecote, we aspire for all of our pupils to access a high-quality design and technology programme throughout their primary school life.</p> <p>Our curriculum ensures that children's design skills are built upon as they progress through the school. Children access design and technology lessons weekly to ensure that they are consistently building upon their knowledge and experiences without demanding a high cognitive load.</p> <p>We believe that a wealth of skills and experiences are vital for ensuring that our children become well-rounded, enthusiastic designers and constructors. At Caldecote, we host enterprise projects to give the children a real-life context for their work. We aim to give all children the basic skills and knowledge to be successful in Design and Technology.</p>	<p>Design and Technology is taught on a weekly basis following the Project on a Page scheme of work. Across the school, children learn about mechanisms, structures, food technology and textiles as part of their DT curriculum. We also endeavor to use enterprise projects to give the children opportunities to use DT in real life contexts and evaluate their successes. This curriculum ensures teachers have the subject knowledge and information available to guarantee high-quality Design and Technology teaching.</p> <p>Children have access to a wide range of tools and materials in order to build their knowledge and skills across the DT curriculum. We also have a whole school focus on vocabulary and therefore children are exposed to the correct and important terminology. The scheme ensures progression throughout but it is assured that teachers assess and monitor the children's progress throughout the lesson and across units of work where cold and hot tasks are completed to assess understanding.</p>
<u>Impact</u>	
<p>As a school, we place great value on monitoring in the wider curriculum areas. We ensure that every half term a monitoring activity is carried out in order to assess the quality of teaching and learning across all areas of the curriculum. Subject leaders are responsible for ensuring progress across their subject, supporting teachers with subject knowledge, planning and any other relevant aspects, reporting to governors, communicating with colleagues and pupils, providing and replacing resources as necessary, monitoring learning evidence and supporting and monitoring teaching and learning. This ensures the highest quality of teaching and learning across the school.</p> <p>In Design and Technology, we ensure that the wider opportunities are accounted for</p>	



across the academic year and that all children have access to some form of enterprise and contextual experience. This will all support us in making sure that the children leaving Caldecote have a rich and grounded experience of DT.