

## INTENT: Safe, Happy, Challenged, Memories Made

<p style="text-align: center;"><b>Our curriculum</b></p> <p>Our design and technology curriculum is creative and practical. Using their imagination and through research, children design and make products that solve real problems in a variety of contexts.</p> <p><i>Impact: It equips children with the knowledge, skills and vocabulary necessary to become resourceful, innovative and resilient in design. It allows children to evaluate and develop critical understanding of past and present designs.</i></p>	<p style="text-align: center;"><b>Assessment</b></p> <p>Assessment of progress will be ongoing throughout the year. Learning reflection sheets, interviewing the children and the Discover Journal capture children's progress and outcomes. The children's planning, designing and evaluations of work are also recorded to support the assessment process.</p> <p><i>Impact: Teachers have sufficient evidence to confidently assess children and are able to sequence the next set of lessons.</i></p>	<p style="text-align: center;"><b>Vocabulary</b></p> <p>Specific and explicit teaching of carefully chosen vocabulary for DT, helps to broaden and enrich children's vocabulary. There are keywords provided in each unit of work and a vocabulary list is on our curriculum hub that is checked and updated for each year group. DT words can be part of the word aware strategy we use throughout the school.</p> <p><i>Impact: Increased vocabulary enables greater understanding of the topic outcomes in this subject.</i></p>
<p style="text-align: center;"><b>Learning Cycle</b></p> <p>The units in our curriculum cover a learning cycle. This consists of researching, planning, designing, making a prototype, refining and finally evaluating their products.</p> <p><i>Impact: The learning cycle provides children with opportunities and experiences to develop their ideas. Children build on prior knowledge and revisit and refine skills in this process.</i></p>	<p style="text-align: center; font-size: 2em; font-weight: bold;">DT</p> <p><i>INTENT: Our design and technology curriculum is creative and practical. Using their imagination and through research, children design and make products that solve real problems in a variety of contexts. It equips children with the knowledge, skills and vocabulary necessary to become resourceful, innovative and resilient in design. It allows children to evaluate and develop critical understanding of past and present designs.</i></p>	<p style="text-align: center;"><b>Challenge</b></p> <p>Varied questioning techniques are used to ensure that all children are challenged in every lesson. Teachers and support staff use open and closed questions, a variety of feedback opportunities and targeted questioning. Children also question each other and build on one another's contributions.</p> <p><i>Impact: All children access learning and are able to benefit from questions pitched to challenge them individually.</i></p>
<p style="text-align: center;"><b>Visitors</b></p> <p>In line with our experience rich curriculum, children take part in workshops run by visitors, who are experts in their field.</p> <p><i>Impact: Children have expert instructions so they can have better outcomes. This is also cpd for teachers.</i></p>	<p style="text-align: center;">  </p>	<p style="text-align: center;"><b>CPD</b></p> <p>All teachers are updated regularly by the DT lead. The DT lead coaches staff when relevant, provides them with required resources and plans forward using the teachers subject evaluation.</p> <p><i>Impact: Teachers are confident when teaching the subject.</i></p>
<p style="text-align: center;"><b>Resources</b></p> <p>Children are given access to a wide range of tools and materials. They are taught how to use the resources to create purposeful products.</p> <p><i>Impact: This will support children's understanding, knowledge and skills in design and technology. Children will demonstrate this knowledge when using tools or skills in other areas of the curriculum and in opportunities out of school.</i></p>	<p style="text-align: center;"><b>Mixed-attaining pairs</b></p> <p>Children's partners are regularly changed, with children working in mixed-attaining pairs, carefully selected by teachers. They are given opportunities to share their thinking with their partner and work collaboratively throughout the lesson.</p> <p><i>Impact: Children are able to discuss with peers before sharing with the rest of the class so that they have time to develop their own thinking and build on that of their partner to further deepen their understanding and justification skills</i></p>	<p style="text-align: center;"><b>Health and Safety</b></p> <p>Care is taken at all times to ensure children are taught how to use tools, recognise hazards and manage risks. As well as how to store tools and equipment safely.</p> <p><i>Impact: Children can use all equipment confidently and safely.</i></p>