

The Walsh Way – Our Curriculum Intent: Design Technology

<p><i>In our DT curriculum you will see our value of Love.</i></p> <p>We aim to develop a love of Design Technology (DT) in all of our children. We believe that DT is an exciting, inspiring and increasingly important part of our modern technology world. All children have the opportunity to be creative, solve problems and learn to take risks through hands on experiences.</p>	<p><i>In our DT curriculum you will see our value of Community.</i></p> <p>When planning, constructing and evaluating their work, children have the opportunity to work independently and collaboratively. Independent learning allows children to have ownership of their work and to direct their own learning whereas collaborative learning allows children to appreciate the importance of working as a team, expressing their own ideas and listening to opinions. As well as DT being classroom based, we encourage opportunities to learn outside too.</p>	<p><i>In our DT curriculum you will see our value of Perseverance.</i></p> <p>Our children show perseverance because our curriculum is challenging. They are encouraged to take risks and experiment to widen their learning. They are able to test their own ideas to gain self-confidence. Children have the opportunity to evaluate their work which allows them to reflect and think about the successes of their design, as well as improving their learning and making changes.</p>
<p><i>In our DT curriculum you will see - our school curriculum prioritises reading, basic skills of oral language, literacy, numeracy, and personal, social and health.</i></p> <p>Our children develop their DT skills alongside many other skills. The children design, construct with a purpose in mind and evaluate the project they are working on using key vocabulary and critical thinking about the topic. When making their product the children select the correct tools and equipment, explaining their choices. This allows children to think about the impact each tool is having. When evaluating we encourage the children to refer back to the initial project design and evaluate how well they have completed it.</p>	<h2>Design Technology</h2> 	<p><i>In our DT curriculum you will see that we value Inclusion and diversity.</i></p> <p>We study a wide range of significant and inspirational artists and designers which are explored across the year groups, including Yayoi Kusama, Alma Thompson, Pablo Picasso, Piet Mondrian, Renne Mackintosh and Vincent Van Gogh. Strong PSHE links flow through the discussions and observations surrounding these carefully selected artists, as we celebrate their diversity and boldness.</p>
<p><i>In our DT curriculum you will see children learning through exciting, engaging learning experiences.</i></p> <p>Our DT curriculum provides our children with a range of practical opportunities to develop the creative, technical and practical skills needed to perform everyday tasks confidently. During their time at Walsh, the children have the opportunity to experience sewing, modelling and designing and making vehicles. The children also learn about the basic principles of nutrition and healthy eating, contributing towards the crucial life skill of cooking for themselves and others in later life.</p>	<p><i>In our DT curriculum you will see how we increase our children's Cultural Capital.</i></p> <p>Our children have the opportunities to enjoy special trips, visits and groups including Arts Week, sewing club and craft clubs. Children in Year One enjoy a trip to the Transport Museum where they use this learning to design, create and evaluate their own moving pictures. Our children are exposed to a wide range of diverse art and discussion that enhances their cultural capital.</p>	<p><i>In our DT curriculum you will see how we develop our children's language, including subject specific and technical vocabulary.</i></p> <p>Through the specific teaching of appropriate technological vocabulary, our children are able to articulate and describe their design process, the skills they have applied, the equipment they have used and the features of the product they have made. DT is accessible to all children in the Early Years Foundation Stage through their Continuous Provision where the staff support children with questioning, recall and key vocabulary in their DT.</p>