

Castledyke Curriculum Intent for Design and Technology

It is our belief that children at Castledyke should have a broad and balanced curriculum that gives them the skills and knowledge they need to become respectful, resilient, empathetic citizens, who will have the opportunities to thrive. Our Design and Technology curriculum is designed to expose students to a wide range of skills and knowledge and career possibilities for their future.

Our aim is to equip learners with the knowledge and skills they need to be able to research, design, make and evaluate a wide range of products. They will be exposed to a wide range of experiences to enhance their learning and inspire them.

Our desire is that through our curriculum, we will inspire children to have high aspirations of themselves in order to be as successful as they can be. In Design and Technology we achieve this by allowing children the opportunity to evaluate and improve their own work.

We have ensured that diversity and inclusivity thread through the curriculum, giving children a wide range of experiences. In DT we do this by exposing the children to a diverse range of engineering opportunities and the chance to explore how our lives have been shaped by the inventors of the past.

The DT curriculum is based on an iterative process of research, design, make and evaluate. The children have the opportunity to learn a wide range of skills including electrics, mechanisms, food, structures and textiles.

Empathy and emotional resilience are key to our curriculum and we want our children to become well-rounded individuals, which is why we have a holistic approach to education, developing the whole child. Our curriculum is linked to our four key areas of development:

<p style="text-align: center;"><u>All children are successful by:</u></p> <ul style="list-style-type: none"> ● Developing the skills and knowledge they learn to design, make and evaluate their work ● Being able to reflect on their own work and that of their peers ● Being able to express their own style and ideas ● Exploring potential careers and jobs 	<p style="text-align: center;"><u>All children are ready for lifelong learning by:</u></p> <ul style="list-style-type: none"> ● Developing confidence in developing their own ideas ● Developing independence and resilience ● Being able to work in a team
<p style="text-align: center;"><u>All children are respectful by:</u></p> <ul style="list-style-type: none"> ● Developing kindness, empathy and compassion ● Celebrating diversity and inclusivity ● Being culturally aware of their community and world ● Understanding the importance of being a good citizen 	<p style="text-align: center;"><u>All children are safe by:</u></p> <ul style="list-style-type: none"> ● Developing oracy and communication skills ● Learning to accept and value the differences of others ● Understanding mutually respectful relationships and managing conflict

