

Curriculum intent Maths

At Castledyke Primary School, we believe that mathematics is a fundamental subject that plays a crucial role in the development of the children's problem-solving skills; logical reasoning; and critical-thinking abilities. Our aim is to provide a high-quality mathematics education that nurtures a deep understanding of mathematical concepts; promotes a positive attitude towards the subject; and equips all children with the skills they need to succeed academically- and in their future lives. We encourage all children to apply mathematical knowledge and skills to real-life situations, developing a deeper understanding of how mathematics is relevant and useful in everyday life. Mathematics can be both educational and enjoyable. We are committed to creating a positive and engaging learning environment where children develop a love for maths. Our aim is to promote a sense of curiosity, creativity, and excitement in our learners, helping them to see mathematics as an enjoyable subject that can be fun to learn and explore.

<p><u>All children are successful by</u></p> <ul style="list-style-type: none">● Applying problem solving and reasoning in their learning● Being able to think critically when tackling mathematical problems● Solving problems in real life contexts● Make progress from their starting points	<p><u>All children are ready for lifelong learning by:</u></p> <ul style="list-style-type: none">● Developing confidence in their application of maths<ul style="list-style-type: none">● Developing resilience in mathematical concepts, knowing mistakes lead to learning● Developing a sense of curiosity that promotes independence
<p><u>All children are respectful by:</u></p> <ul style="list-style-type: none">● Developing kindness, empathy and compassion when working together● Looking at how they can improve their work from adult feedback● Developing oracy and asking questions to know more	<p><u>All children are safe by:</u></p> <ul style="list-style-type: none">● Developing a deeper understanding of mathematical concepts for confidence● Understanding wellbeing and breaking the image of 'I am not good at maths'● Understanding how maths can support them in their futures.