



Tweedmouth West First School

Intent, Implementation, Impact - Maths

Respect Responsibility Resilience

Intent	<ul style="list-style-type: none">• Ensure our children have access to a high quality maths curriculum that is both challenging and enjoyable.• Provide our children with a variety of mathematical opportunities, which will enable them to make the connections in learning needed to enjoy greater depth in learning.• Ensure children are confident mathematicians who are not afraid to take risks.• Fully develop independent learners with inquisitive minds who have secure mathematical foundations and an interest in self-improvement.
Implementation	<p>Our mastery approach to the curriculum is designed to develop children's knowledge and understanding of mathematical concepts from the Early Years through to the end of Y4.</p> <ul style="list-style-type: none">• In school, we follow the national curriculum and use White Rose Schemes of Work as a guide to support teachers with their planning and assessment. We also use CLIC to develop recall of facts and procedures.• At the start of each new topic, key vocabulary is introduced and revisited regularly to develop language acquisition, embedding as the topic progresses.• Children are taught through clear modelling and have the opportunity to develop their knowledge and understanding of mathematical concepts. The mastery approach incorporates using objects, pictures, words and numbers to help children explore and demonstrate mathematical ideas, enrich their learning experience and deepen understanding at all levels.• Reasoning and problem solving are integral to the activities children are given to develop their mathematical thinking.• Children with additional needs are included in whole class lessons and teachers provide scaffolding and relevant support as necessary. For those children who are working outside of the year group curriculum, individual learning activities are provided to ensure their progress.
Impact	<ul style="list-style-type: none">• More children will be able to understand a mathematical concept or skill and can show it in multiple ways, using the mathematical language to explain their ideas, and can independently apply the concept to new problems in unfamiliar situations.• Most will have quick recall of facts and procedures• Most children will have the flexibility and fluidity to move between different contexts and representations of mathematics.• Children will have ability to recognise relationships and make connections in mathematics