



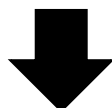
Curriculum Statement for Maths

Intent – What we want to achieve

At William Austin Infant School, our mission is to create a learning environment ‘**Where All Individuals Shine**’. We understand the importance of nurturing and developing all children into confident mathematicians who are not afraid to take risks and can self-reflect on their learning. We place a significant importance on developing children’s understanding and use of mathematical language and vocabulary which recognises that our school and local community has a high proportion of people who have English as an additional language.

Learners are provided with opportunities to secure their own knowledge, understanding and develop their skills further. We **intend** to promote an enjoyment for Maths and aim to develop the children’s sense of curiosity. We **intend** to develop children’s fluency, reasoning and problem solving skills. We **intend** to create opportunities for confidence to develop in making connections and links within their learning. Through well-planned lessons, we **intend** to ensure success and progress for all learners at whatever stage of learning they may be.

Through our Maths teaching, we **intend** to highlight and stress the importance of recognising Maths in the wider world. We want our learners to recognise that Maths is in their everyday lives and how they can link their maths knowledge and skills to other subjects within the curriculum. We **intend** to provide children with the opportunity to apply their skills and knowledge in a range of different contexts which makes important links to real-life examples.



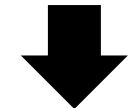
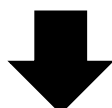
Implementation – How we will achieve this

At William Austin Infant School, we provide children with high-quality daily maths lessons that are creative, engaging and inclusive. Key skills are taught and developed in carefully planned lessons. Each year group follow their own Maths curriculum overview in which prior knowledge and skills are revisited whilst continuing to further develop knowledge.

Our ambitious Maths curriculum is **implemented** through lessons which incorporate a ‘Concrete, Pictorial, Abstract’ approach in order to support children in mastering the National Curriculum objectives:

- **Fluency** – becoming familiar in the fundamentals of mathematics
- **Reason mathematically** – following a line of enquiry, conjecturing relationships and generalisations and developing their use of mathematical language
- **Problem solving** – can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication.

Lessons are planned using guidance and resources from White Rose Maths and NCETM. We believe this ensures we **implement** a ‘mastery’ led curriculum working with a progressive scheme and the design of our Maths lessons, which include Flashback 4, review, main teaching and learning input; independent learning tasks and plenary activities. The majority of learners are taught together, all learning at the same pace and given the same opportunities to excel in the area of Maths. There are challenges at all parts of the lesson. The needs of all our learners are supported through the use of resources and manipulatives, guided support in lessons and additional group or one-to-one interventions when and where required.



Impact – The Outcomes

The **impact** of our Maths curriculum is seen through children’s increased understanding of Maths in the wider world. Children develop an understanding of what they are learning and link these to real-life contexts. The **impact** of their maths lessons can be seen in their understanding of the ‘why’ we are learning a specific skill and its importance to their everyday lives, recognising how maths is all around us and preparing them for their future learning, beyond our school. Through our Maths curriculum, we ensure that children develop a love of learning, enjoy mathematics and strive to achieve their best. We develop resilient learners who recognise that learning is all about the journey to reaching an answer. Through our approach, children will achieve their own individual potential and be fully prepared for the next stage in their learning.