

“We will provide all of our children with a **broad, relevant** and **enriched** curriculum so that they have the **character** to make a **positive** contribution to our society and are **knowledgeable, skilled and ready** for the next phase of their education.”

OUR CURRICULUM

SUBJECT INTENT FOR: Maths

Our Maths Curriculum:

Is broad, relevant and enriched:

At Willowbrook Mead Academy we believe our mathematics curriculum should ensure deeper understanding and progress for all learners to enable every child to succeed in mathematics. At Willowbrook Mead Academy we aim, through high quality creative and inclusive lessons, to create a sense of excitement and curiosity around mathematics.

Develops character:

- Become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- Can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Helps children make a positive contribution:

Through a curriculum based on deep conceptual understanding, children are able to select and apply different mathematical methods in a variety of contexts. Our children are empowered with accurate mathematical language with which they are able to communicate their ideas precisely and effectively with each other and teaching staff. Perseverance, resilience and determination are skills developed across the curriculum but particularly through problem solving in mathematics. As a whole school we promote challenge for all and ensure that there are opportunities for every child to achieve this.

Ensures children are knowledgeable, skilled and ready:

Children are encouraged to make links between what they are learning and the world around them. Our high-quality maths education provides foundations for understanding the world and promotes the school values of challenge, creativity, culture, collaboration, community, character, and courage. Maths is essential to everyday life and necessary in almost all forms of employment. Cross-curricular links are made where possible, particularly in science and through the use of technology.



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SEN Provision in Maths

Progression in mathematics for all children is essential and so, no matter what their starting point, through accurate assessment, high expectations and quality teaching and intervention, pupils at Willowbrook Mead Academy can realise their mathematical potential. Children with special educational needs are carefully planned for and inclusivity is at the heart of what we do.

Diversity in Maths

At Willowbrook Mead Academy, we believe everyone should have the same opportunity to achieve their full potential and to be successful in education, and in later life - whatever their background, ability, or identity. Children will learn about key inspirational mathematicians who have positively impacted the way that we live today.

