

The Merton Primary School Maths Intent statement

We want all pupils to enjoy learning and exploring Mathematics, and become confident mathematicians. We strive to make Maths engaging, purposeful and where children are encouraged to be active participants through hands-on learning and the use of talk.

We aim for children to develop a deep, conceptual understanding of mathematical concepts through a rich variety of contexts, where connections across different areas of Maths are identified. Learning will equip children with the skills that they will need in the classroom and beyond.

The aims set out in the National Curriculum are interwoven within lessons and developed over time. They are delivered through a carefully structured mastery approach, where teachers use the White Rose Scheme of Work to support the values that underpin our Maths curriculum.

We believe that success in Maths is possible for all and that mistakes are an opportunity to develop our understanding. Where children find something difficult, we use rapid, same day intervention - reteach - to ensure that children are ready for the next stage in the learning.

At the end of their journey at The Merton Primary School, children should:

- Be successful in, and have a positive attitude to Maths.
- Have a solid foundation in number and place value; including quick recall of number facts, times table knowledge and relevant mathematical rules and laws.
- Be able to use known facts to work efficiently, flexibly and accurately when approaching mathematical equations and problems.
- Be able to choose between and use mental and formal written methods appropriately.
- Be able to solve problems in a variety of contexts and situations.
- Be able to reason, prove and explain.
- Understand why Maths is important and relevant to our lives.

Children will have experienced a curriculum which gives them:

- Regular, high quality maths lessons accessible to all.
- A weekly diet of reasoning, problem solving and fluency.
- Time to build up a solid foundation of knowledge.
- A Concrete, Pictorial and Abstract approach to Maths
- A deep conceptual understanding of Maths, not just rote learning and abstract calculations.
- Opportunities to think deeper about Maths.
- Opportunities to apply knowledge outside of Maths lessons and understand the real world use of maths.