

Maths

At St Mary's Catholic Primary School, we have adopted a mastery approach in order to deliver the three aims of the National Curriculum: fluency, reasoning and problem solving. Underpinning this pedagogy is a belief that all children can succeed in maths. We believe in promoting sustained and deepening understanding by employing a variety of mastery strategies, with teaching conceptual understanding at the heart of everything we do.

At St Mary's Catholic Primary School, mathematics is a subject that has a unique place within our curriculum. It provides learners with powerful ways to describe and investigate an ever changing world. Children can experience a sense of awe and wonder as they solve a problem for the very first time; they will have a means of looking at patterns, discover more sophisticated methods of working and make links between the different areas of mathematics.

I really enjoy problem solving because it can seem really challenging at first but you get to talk about it and experiment with different methods and when you find your answer, it feels very rewarding. Ruby, Oak

Maths is fun because you get to learn new things that can help you in real life and for when you are older. Ashley, Pine

- Key features of our Maths Mastery curriculum:
- High expectations for every child
 - Greater depth and understanding
 - Number sense and place value come first
 - Secure knowledge of times tables
 - Research -based curriculum
 - Objects and pictures always before numbers and letters
 - Problem solving is central
 - Calculate with confidence– understand why it works

Concrete

Pictorial

Abstract

H	T	O
1	8	2
	3	6

182 + 36 = 218

To best support our children, we believe in an excellent working relationship with parents to encourage discussion about the subject. We invite parents into our school for frequent learning walks and workshops.

The work given to the children, over time and across the school, consistently matches the aims of the curriculum. It cultivates sufficient knowledge and skills for future learning. Further activities are planned to meet the interests and aspirations of the children and encourage exciting and outdoor learning.



Mathematics makes a significant contribution to our society. The basic skills of mathematics are vital for the life opportunities of our children. Mathematics teaching at St Mary's provides highly positive, memorable experiences and rich opportunities for high quality learning. It develops the mind and those highly cognitive skills.

