



St Joseph's Maths Vision 2023/2024

Through our maths vision, we are passionate and fully committed to developing a balance between the children's procedural fluency and a conceptual understanding.

In every maths lesson, you will see how we develop critical thinking in all that we do.

Maths is a universal language that describes how our world works; crosses cultural boundaries; supports us in effectively carrying out a myriad of day-to-day tasks and facilitates our being able to discuss/hypothesise things that aren't even possible.

We believe that effective maths teaching begins with a deep understanding of the nature of the subject. If this is secure, we will know how to teach it effectively, enabling pupils to take full advantage of the benefits: we know that future economic success is directly correlated to good maths achievement. We also know that the key learning skills needed for tomorrow's workforce can be delivered through maths teaching: problem-solving, communication, visualisation, thinking skills, metacognition/self-regulation and reading.



At St Joseph's, we know how to apply general and subject-specific pedagogical principles together with expertly researched materials (providing a secure subject knowledge base) to achieve this end. Maths is taught as a compelling narrative, rooted in the pupils' experiences so that it is accessible to all.

St Joseph's teaches mathematics using the Maths No Problem programme. All teaching staff are trained in its use.



'We learn different methods in maths. We have number lines, counters, dienes and this makes maths more fun.' Darsh Year 2

'Maths is fun! It is one of my favourite subjects because you get to challenge yourself. There is always a way to find an answer.' Alesha Year 4

'Maths is enjoyable. I like exploring and finding out what the problems are with the characters.' Esmail Year 6

'I like writing my maths journey in my maths journal. I like how it brings maths to life with the characters and stories.' Billy Year 5

'Where every child is known and loved, as a child of God'