



St Mary's Church of England (A) Primary School.

Living, loving, learning in God's care.

Our School Vision and Mission

Vision Statement

Our St Mary's church school family lives by the life and teachings of Jesus. We provide a safe and loving environment, whilst aspiring for all children to achieve their full potential within God's care.

Mission Statement

O Lord, teach me how you want me to live! Psalm 86:11

This scripture verse reminds us that our Christian values underpin how we live and how we learn, through a unique and deep curriculum, grounded in God's love.

The school will put safety and wellbeing at the centre of everything we do. Through our vision, values and motto our mission is to:

- Develop the children academically, creatively and spiritually through a high quality, stimulating and memorable curriculum, that celebrates difference and values everyone
- Encourage each child's knowledge and skills, through experiences to reach their full potential and to instil a life-long love of learning
- Share our school with the church and community to further develop religious literacy
- Foster a deeper understanding of other faiths and cultures and encourage attitudes of tolerance, democracy and advocacy

Statement of Intent for Mathematics

Intent

Maths is a creative and highly inter-connected discipline that has been developed over centuries, providing the solution to some of history's most intriguing problems. It is essential to everyday life, critical to science, technology and engineering - therefore a life-long skill for our children. Securing a qualification in maths is vital for all of our children, as they leave school. Our children are encouraged to reason mathematically and appreciate the power of maths and its enjoyment and the curiosity it evokes too.

In line with the National Curriculum objectives for maths, our intent is that all pupils -

- Become fluent in the fundamentals of maths, including through varied and frequent practise with increasingly challenging problems over time
- They develop a conceptual understanding and have the ability to recall and apply knowledge accurately
- They can reason mathematically using mathematical language
- They can solve problems by applying maths through a variety of routes
- They can break down problems into a series of simpler steps and persevere to seek solutions
- See and understand connections in this interconnected subject
- Apply maths to a range of subjects
- Are taught for mastery

Implementation

At St Mary's children are taught through flip chart planning, following Target Your Maths (Y4, 5 and 6) and White Rose Math scheme of learning. They engage in active listening, observing modelling of maths, practising, think, pair, share, completing tasks, explaining to others and encouraging others.

Children engage in a range of concrete manipulatives, pictorial representations and abstract methodologies -within each taught session. The concrete and pictorial scaffold and strengthen understanding across the key stages. Every learning session includes the opportunity to develop fluency skills, construct chains of reasoning, using known knowledge and terminology and solve increasingly challenging problems in a systematic and coherent way. The sessions include the use and understanding of maths vocabulary. This provides a framework to embed conceptual knowledge and build understanding. The medium term plan for the teaching of maths objectives, ensures frequent timely introduction and revisiting of concepts.

We are committed to ensure that pupils secure their knowledge of times tables and related divisional facts by the end of Year 4.

EYFS - at St Mary's we understand the importance of early experiences of maths. This approach places a significant emphasis on developing a strong grounding in number - understanding this is a necessary building block for children to excel in the subject. Class 1 staff provide creative and engaging opportunities (outside learning where possible) to ignite their curiosity and enthusiasm for maths. Children are encouraged to use mathematical terminology within their understanding, with a focus to developing positive attitudes and interest.

Impact

By the time children leave St Mary's they will have -

- Moved through the programmes of study at broadly the same pace
- Confidence in each yearly objective and develop their ability to use this knowledge to develop a greater depth understanding, to solve varied fluency problems, as well as problem solving and reasoning questions
- Been challenged through rich and sophisticated problems, before any acceleration of new content, to add depth to the curriculum
- Ensure any concepts that are not sufficiently secured will receive rapid intervention, to consolidate knowledge and understanding through additional practise