

# **St Mary of the Angels Catholic Primary School**



## **MATHS CURRICULUM STATEMENT**

### **Intent**

At St Mary of the Angels, we strive to ensure pupils encounter a wide range of mathematical experiences that promote enjoyment and enthusiasm for mathematics through a wide selection of practical activities, exploration and discussion.

We aim for our pupils to love the challenge of learning and to be resilient to failure. Our pupils will become curious, interested learners who seek out and use new information to develop, consolidate and deepen their knowledge, understanding and skills.

As is stated in the National Curriculum, we aim for children to receive a high-quality mathematics education which provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject

### **Implementation**

In line with the National Curriculum, it is our expectation that all pupils acquire mathematical knowledge appropriate to their age and starting points and enables them to recall it rapidly and apply it fluently and accurately, including when calculating efficiently. As part of this, we hold two parts of calculation in high importance: the ability to calculate mentally and the ability to use effective written strategies to carry out calculations. Whilst mental calculation is a vital part of mathematics, we aim that most children achieve the ability to understand, and use successfully, effective written strategies to carry out and record calculations they cannot do mentally.

Progression in calculation is also driven by the St Mary of the Angels Calculation Policy, which is regularly updated to match current mathematical and education thinking.

Proficiency in multiplication tables is developed through explicit teaching of individual times tables and further supported through daily challenges, deliberate practice and online learning. We also deliver cross-curricular maths lessons to support the development of a wide range of transferable skills and knowledge so that a deeper level of concepts and understanding can be applied and embedded across the wider curriculum.

In addition, we offer parent workshops that enable our community to experience our mathematics curriculum and to have an understanding of how to support their child at home.

### **Impact**

Our progress and attainment is above the national average, indicating that our provision for all pupils, including those working above expected level, is very effective.

Children leave St Mary of the Angels as well-rounded and resilient mathematicians ready for the next stage of their education. They are equipped with a rich body of skills and knowledge.

By the end of KS2, evidence from pupil voice, book scrutinies, lesson observations, cluster moderations and assessment data clearly shows that our pupils have a good understanding of their endpoints and remember the mathematical knowledge, concepts and procedures to ensure readiness for the next stage of their learning, be it the next lesson, unit of work, academic year or key stage.