

# 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. We teach mathematics across the school by following small steps of progression as guided by The White Rose scheme whilst covering the National Curriculum objectives. By embedding this scheme and its engaging and effective resources, we are allowing pupils to spend enough time to fully explore a topic, reinforcing it with practise, before moving onto the next one. All ideas are built on previous knowledge and pupils have ample opportunity to develop relationships between topics.

Although we use the White Rose Scheme of learning, each class teacher has ownership of their yearly mathematical objectives. As we adapt to the needs of our learners, timings may not always exactly follow the long-term plan (yearly overview) set by White Rose. We also supplement activities from other mathematical bodies, such as NCETM, First4Maths and I See Reasoning.

Progression in calculation is also driven by our Calculation Policy, which we have taken from the scheme of work that we follow so that it enables clear progression between year groups.

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.

### 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.