



## Maths Statement of Intent

*'You are the light of the world'*



At St Anne's, children study mathematics daily covering a broad and balanced mathematical curriculum including elements of number, calculation, geometry, measures and statistics. Due to the interconnected nature of mathematics, at St Anne's we aim to teach maths in a cross-curricular manner, as well as discretely, to teach the practical application of mathematical skills. We focus not only on mathematical methods but also focus on mathematical vocabulary and problem solving to broaden and deepen mathematical understanding.

Maths is essential to everyday life; we aim to engage our learners such that they can apply their learning in their daily life. A high-quality mathematics education therefore 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. We aim to give children the skills and independence to **shine** in their positive approach to maths both throughout their school journey and beyond.

We aim for pupils to make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competence in solving increasingly challenging problems with **resilience** and perseverance. Children at St Anne's apply their mathematical knowledge to science and other subjects with **courage** and positivity and recognise the relationship that mathematics has with many different areas of the curriculum and the wider world.

### **Our Curriculum for Mathematics aims to ensure that all pupils:**

- become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately
- reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions

To ensure whole school consistency in our approach, we use the White Rose scheme of work, relating all planning and outcomes to the National Curriculum.

At St Anne's, the majority of pupils move through the programmes of study at broadly the same pace. However, decisions about when to progress are always based on individual pupils' understanding and their readiness to progress to the next stage. In order to deepen knowledge and understanding, pupils who grasp concepts rapidly are challenged by being given a wider range of problems to apply their learning to different contexts before any acceleration through new content. For those who require consolidation, this is given as additional provision to ensure they are supported and encouraged to work with increasing confidence towards their identified end points.