



## St Bartholomew's C of E Primary School – Mathematics Curriculum Intent



### Curriculum Intent

At St Bartholomew's' Church of England Primary School, we are mathematicians! Our curriculum is designed to cater to the needs of all individuals ensuring they have the necessary skills and knowledge to become successful data analysts, accountants, economists, and statisticians in their future adventures. We incorporate sustained levels of challenge through varied and high-quality activities with a focus on fluency, reasoning, and problem-solving. We aim to help our children understand that mathematics is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment.

Children explore mathematics in-depth, using mathematical vocabulary to reason and explain their workings. Using a wide range of mathematical resources, children are taught to show their workings in concrete, pictorial, and abstract form wherever suitable. They are taught to explain their choice of methods and develop their mathematical reasoning skills. We encourage resilience and adaptability, and acceptance that struggle is often a necessary step in learning. Our curriculum allows children to better make sense of the world around them relating the pattern between mathematics and everyday life.

From early years, the children are fully immersed into Maths through a wide exposure to number and this is delivered by our staff in an engaging and creative way. This continues through the school where teachers are passionate about the delivery of Maths and exploring what children are capable of. Our children need to develop the necessary skills to make them “deep thinkers” acquiring maths skills that can be recalled quickly and transferred and applied in different contexts. They need to be able to make rich connections across the areas of maths and use their knowledge in other curriculum subjects.

The mathematics curriculum has been created and designed to ensure high standards of teaching and learning are taking place across the school. Lessons lean towards a mastery approach to the teaching and learning of mathematics and are personalised to address individual needs and class requirements whilst maintaining coverage. In EYFS we use White Rose Maths as our scheme from which learning is planned and across Key Stage 1 and 2, we also use White Rose Maths. This scheme is based on the National Curriculum. As our children progress, we intend that they will be able to understand the world, have the ability to reason mathematically, have an appreciation of the power of mathematics, and experience a sense of enjoyment and curiosity about the subject.