

**ECCLESTON CE PRIMARY SCHOOL**

***Let Your Light Shine***

**Mathematics Curriculum Statement**

**At Eccleston CE Primary School, we are united in our vision to prepare our children for life in the modern world. We will do this by instilling a lifelong love of learning and embedding Christian values that reflect the example Jesus has set. We strive for excellence in all we do, enabling all members of our school to flourish.**

**“Let your light shine”-Matthew 5.16**

**MATHEMATICS AT ECCLESTON CE PRIMARY SCHOOL**

**Intent**

The 2014 National Curriculum for Maths aims to ensure that all children:

* Become fluent in the fundamentals of Mathematics
* Are able to reason mathematically
* Can solve problems by applying their Mathematics

At Eccleston CE Primary School, these skills are embedded within Maths lessons and developed consistently over time. We are committed to ensuring that children are able to recognise the importance of Maths in the wider world and that they are also able to use their mathematical skills and knowledge confidently in their lives in a range of different contexts. We want all children to enjoy Mathematics and to experience success in the subject, with the ability to reason mathematically.

**Implementation**

Pupils are provided with a variety of daily opportunities to develop and extend their mathematical skills. Lessons are planned using the National Curriculum, White Rose and Maths No Problem. Pupils engage in the development of mental strategies, compact written methods, practical tasks, investigational learning, problem solving, mathematical discussion, consolidation of basic skills and number facts and the appropriate use of equipment, including ICT, to support their learning.

Our children are taught to;

* Understand the size of a number and where it fits into the number system
* Know by heart number facts such as number bonds, multiplication tables, doubles and halves
* Use what they know by heart to figure out numbers mentally
* Calculate accurately and efficiently, both mentally and written
* Draw on a range of calculation strategies
* Make sense of number problems, including real life problems, and recognise the operations needed to solve them
* Discuss and explain their methods and reasoning using correct mathematical terms
* Judge whether their answers are reasonable and have strategies for checking them
* Where necessary, suggest suitable units for measuring and make sensible estimates of measurements
* Explain and make predictions from numbers in graphs, diagrams, charts and tables
* Develop spatial awareness and an understanding of the properties of both 2D and 3D shapes

**Impact**

Children at Eccleston CE Primary School have positive attitudes towards Mathematics and are resilient when tackling problems. They have a range of strategies, both mentally and written, and can use the appropriate mathematical terms to describe their work.

**Mathematics in the Early Years**

Children are provided with opportunities to develop and improve their skills in counting, understanding and using numbers, calculating simple addition and subtraction problems and to describe shapes, space and measure. Activities are based on practical real life contexts whenever possible to encourage inquisitive minds and develop critical thinking.