

Maths Statement

At Everton Heath Primary School we strive to create learning environment where all children have the best chance of mastering maths, becoming confident mathematicians and recognising the importance of maths in everyday life.

We meet the aims of the National Curriculum 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.

We are developing a 'Teaching for Mastery' approach where pupils focus and engage fully as learners to acquire a deep, long-term, secure, and adaptable understanding of the subject and communicate their reasoning and thinking effectively. Through small and coherent steps of learning, children develop self-confidence and resilience to calculate fluently, reason confidently and solve problems efficiently. Where appropriate, we do this by linking in mathematical skills, knowledge and understanding to other areas of the curriculum, thus providing meaningful cross-curricular opportunities.

We are using 'White Rose Education' to support the planning and teaching of mathematics from Year 1 through to Year 6. This prioritises number, depth of knowledge and a Concrete, Pictorial, Abstract (CPA) approach in all classrooms. The Early Years Foundation Stage follow 'Mastering Number' which supports pupils to develop good number sense and meet the aims of the Early Years Statutory Framework.

To further support children's fluency, they have access to 'Numbots' and 'Times Table Rock Stars', and we are currently piloting the 'Going for Gold' programme to support regular learning and practice of key mathematical facts.