



# EUXTON PRIMROSE HILL

Primary School

*"Together we will make a difference."*

Our school is adopting a Mastery approach to mathematics. We use the White Rose Maths scheme from EYFS to Year 6, supplemented by various other mastery materials. Underpinning the use of these materials are the key points as described below.

What can you expect?

Structure of our classes	Structure of our lessons
<p>A Mastery approach rejects the idea that some children 'can't do maths'. We accept that all children can achieve well in maths.</p> <ul style="list-style-type: none"><li>• Children will support each other's learning in similar or mixed attainment pairs.</li><li>• Children will use carefully chosen equipment to represent mathematical problems to expose mathematical structures.</li><li>• Children can talk about and explain the mathematics they are learning.</li></ul>	<p>Our maths lessons last approximately 1 hour, comprising of whole class teaching, independent practise time and mini plenaries, with an additional 20 minutes of intervention/pre-teaching for pupils within the timetable.</p> <ul style="list-style-type: none"><li>• Our learning uses a Concrete Pictorial Abstract model.<ul style="list-style-type: none"><li>• Through careful lesson planning, all children are on a learning journey together from a shared starting point through small coherent steps that are achievable by all.</li><li>• The whole class is taught mathematics together.</li></ul></li></ul> <p>The learning needs of individual pupils are addressed through careful scaffolding, skilful questioning and appropriate rapid intervention, in order to provide the necessary support and challenge.</p> <ul style="list-style-type: none"><li>• SEN children are given personalised outcomes and further opportunity to develop skills through IEP time.<ul style="list-style-type: none"><li>• Carefully devised exercises employing procedural and conceptual variation are used. These provide intelligent practice that develops and embeds fluency and conceptual knowledge.</li></ul></li><li>• Challenge will be available to all through opportunity for deep learning, reasoning and open-ended challenging problems.</li><li>• The reasoning behind mathematical processes is emphasised. Teacher/pupil interaction explores in detail how answers were obtained, why the method/strategy worked and what might be the most efficient method/strategy. Difficult points and potential misconceptions are identified in advance and strategies to address them planned.</li><li>• Fluency will be taught either at the start of the lesson, within the lesson or as part of an additional session.</li></ul>