

Intent	Implementation	Impact
<p>At Moorfield School we:</p> <ul style="list-style-type: none"> • Provide a clear, systematic maths education which promotes enjoyment, curiosity and challenge. • Ensure that pupils become fluent in the fundamentals of mathematics, recalling and applying knowledge rapidly and accurately. • Want pupils to be able to reason mathematically and applying their understanding to solve different types of problems. • Want pupils to make rich connections and understand the importance of maths in real life contexts. • Promote resilience, independence, success and next steps. 	<p>Maths at Moorfield:</p> <p>We adopt resources including White Rose scheme as a planning tool, alongside Target Maths to provide fluency opportunities wherever possible.</p> <ul style="list-style-type: none"> • Use of a robust, small steps teaching sequences to ensure that children learn knowledge and skills which are transferable. • Where appropriate, use of concrete, pictorial and abstract representations of the mathematics being taught. • Daily fluency grids to aid fluency and recap key concepts previously taught. • Implementation of Number Sense in EYFS and KS1. • Learning builds on prior knowledge and understanding. • Success criteria is explicit, ensuring declarative, procedural and conditional knowledge is taught with AfL opportunities where appropriate. • Measuring progress by ensuring children are fluent in the facts, methods and strategies being taught. • Cross curricular learning opportunities are exploited. • Regular problem solving opportunities including all 4 problem types; logic, word problems, finding all possibilities, patterns and rules. 	<p>As a result of our maths teaching, you will see:</p> <ul style="list-style-type: none"> • Children who are engaged, proficient and challenged in their learning. • Confident children who can talk about their learning. • A range of visual models and images to aid understanding. • Pupils who know, remember and do more than they did before. • Secure and fluent recall of key concepts. • Children who are able to solve problems and reason mathematically, offering statements of proof or justification. • Children who understand the importance of mathematics within the wider world. • Clear, well presented work which enables pupils to see connections and spot errors. <p>We will use the following tools to measure the impact of maths:</p> <p>Internal and external school data. Formative assessment using teachers professional judgement. Progress records from half termly data. Pupil Voice. Lesson Observations.</p>

	<ul style="list-style-type: none">• Rich mathematical vocabulary is promoted across the school.• Clear progression of skills from Reception through to Year 6.• Regular AfL and use of assessments.• Regular moderation within school and with teaching and learning specialists.• Regular book scrutiny to ensure that all of the above is being implemented effectively.• Booster sessions which are offered before or after school.• Pre teach sessions where appropriate.	
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Curriculum Subject: Maths