

Curriculum Subject: Maths

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 the White Rose maths scheme as a planning tool, but we adapt these to meet the needs of our pupils.</p> <ul style="list-style-type: none"> • Use of robust teaching sequences to ensure that children learn knowledge and skills are transferable. • Use of concrete, pictorial and abstract representations of the mathematics being taught. • Daily morning grids to aid fluency and recap key concepts previously taught. • Learning builds on prior knowledge and understanding. • Success criteria is explicit with AfL opportunities where appropriate. • Cross curricular learning opportunities. • Regular problem solving opportunities. • 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. 	<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 school data. Formative assessment using teachers professional judgement. Progress records from half termly data. Pupil Voice. Lesson Observations.</p>