



Subject Overview:

Subject: **Mathematics**

At White Spire School we recognise the importance of mathematics in everyday life, developing life skills and independent living. We have built a maths curriculum focused on teaching our pupils the skills and knowledge that will support them, "Through Learning to Independence", to become valued members of the community, at school and beyond. Mathematics enables children to understand relationships and patterns in both number and space in the world around them. It is essential to everyday life, and necessary for financial literacy and most forms of employment. We intend to give each child the self-confidence and resilience to reach their full potential.

Intent	Implementation	Impact
<p>Our intent is to:</p> <ul style="list-style-type: none"> • teach and develop mathematical skills for life and independent living. • deliver an inspiring and engaging mathematics curriculum, taught by highly enthusiastic staff, which sparks curiosity and nurtures confidence in maths. • relate learning to our pupils' own experience and facilitate learning through play or skill-based activities that can then be consolidated and applied in practical situations. • provide opportunities to achieve the highest level of independence possible, to enable them to use their maths to read and write numbers, count in increments, perform basic operations such as addition and subtraction. use and handle money, use a budget, measure ingredients in cooking, and tell the time and understand the world around them. 	<p>In practice we will implement:</p> <ul style="list-style-type: none"> • a curriculum where small, cumulative steps build a solid foundation of mathematical understanding. • lessons tailored to best meet the needs of each pupil. • learning using concrete resources, varied representations, and real-life experiences. • opportunities for discovery, processing, practice, revisit, repetition, and consolidation to embed learning. • differentiation by emphasising deep knowledge. individual support and intervention. • curriculum time for mathematics for every pupil. • regular and ongoing formative assessment to inform teaching, to support and enable the success of each child. • summative assessment on a termly basis. 	<p>The impact of the maths curriculum will be evidenced by a triangulation of formal and termly assessments.</p> <p>Half-termly book scrutinises, half termly lesson plan reviews, learning walks as needed and observations by subject leads in conjunction with senior staff.</p> <p>In addition other hard data will be used as necessary to obtain a clear, coherent understanding of the success of maths.</p>