

St Oswald's CE Primary School – Mathematics Skills Progression



Our aim to provide all children, of all abilities and background, with key knowledge, skills and understanding to confidently and successfully access the national curriculum. We aim to provide pupils with a mathematics curriculum and high quality teaching to produce individuals who are numerate, creative, independent, inquisitive, enquiring, persevering, positive and confident. We want to provide a stimulating environment and adequate resources to that pupils can develop their mathematical skills to their full potential. By the end of year 4, pupils should have memorised their multiplication tables up to and including the 12 multiplication table and show precision and fluency in their work. Pupils should read and spell mathematical vocabulary correctly and confidently, using their growing word reading knowledge and their knowledge of spelling. By the end of year 6, pupils should be fluent in written methods for all four operations, including long multiplication and division, and in working with fractions, decimals and percentages. Pupils should read, spell and pronounce mathematical vocabulary correctly. A high quality math education should engage and inspire pupils to develop a love of mathematics and their talent as mathematicians, and so increase their self-confidence, creativity and sense of achievement.

Intent	Implementation	Impact
To create and deliver a curriculum that provides children with a life-long love of mathematics, where all children have access to a high quality curriculum that is both challenging and enjoyable. Ensure children are confident mathematicians who are inquisitive and not afraid to ask questions, with secure mathematical foundations and a desire to improve. Provide a wide range of interesting and stimulating elements of mathematics so children learn important vocabulary and develop a good understanding of how maths is integral to everyday life. To continue to review and update the mathematics curriculum to ensure that staff and children experience good experiences and improve their knowledge and understanding. To introduce and apply the White Rose Maths framework across school. Provide children with mastery and greater depth approaches to mathematics through real life problems and reasoning.	Be an outward looking and creative school who use a range of teaching strategies and resources. To continue to support staff subject knowledge to ensure a good mathematics curriculum being taught throughout school. To plan regular CPD and staff meetings to review the mathematics coverage within school and develop staff understanding and knowledge. Ensure children have access to a high quality maths curriculum that is both challenging and enjoyable. Provide secure understanding of the curriculum and subject through high quality planning, teaching and assessment. Use moderation, tracking and progress to measure and raise attainment. Use WRH premium resources and a range of 'quality first' teaching strategies and resources.	All staff know where children are working and have used assessment to encourage progress and attainment. Children have an interest and enthusiasm for the subject. Children may also show progress in confidence and attitude towards the subject. The standard (quantity and quality) of work has improved. An improvement in children's ability to reason, problem solve and question as well as becoming more independent. To continue to check school data and curriculum coverage to best support children's learning and progression as well as staff knowledge. Assessment and WRH end of term tests are conducted and recorded to track pupil progress. SLT and staff report to governors to share any school developments.