

MATHS CURRICULUM

INTENT:

Our planned curriculum for Maths aim for our pupils to become fluent in the fundamentals of mathematics and be able to use these skills to make sense of the world around them. Our curriculum reflects the 2014 National Curriculum and enables our children to become confident mathematicians. Our intent is to teach a rich, balanced and progressive curriculum, using maths to reason, problem solve and develop conceptual understanding in each area. We deliver this by ensuring that mathematical concepts are taught in manageable steps and there is plenty of time built in to revisit and review previously learnt skills.

IMPLEMENTATION:

Children study maths daily from Year 1 up to Year 6.

In EYFS mathematics is carefully planned throughout the continuous and enhanced provision, in addition to taught sessions with the teacher. This makes Maths part of the daily-lived experience of EYFS pupils.

In years 1-6, children cover concepts such as number, calculation, geometry, measures and statistics. Staff subject knowledge allows the intentions to be delivered successfully. We follow curriculum maps that have been carefully thought out and created by White Rose Maths. The curriculum is set out in blocks, many being revisited throughout their learning journey in school. We also have a calculations policy which teachers follow to ensure children are armed with more than one strategy when problem solving and working with calculations.

There is a strong focus on using the correct mathematical vocabulary with children from the outset. You will hear teachers asking and expecting children to talk like a mathematician when discussing their work and thinking. This is role-modelled and reinforced from the outset. Practical resources are always on hand to support those pupils who need them.

Feedback is given both verbally and in written form daily. Children receive feedback on their last piece of work, before moving onto the next. Children will be seen working both independently and collaboratively, with time always being given to talk ideas through and varying preferred mathematical strategies being celebrated.

IMPACT:

Pupils are able to make connections between mathematical concepts and feel like they have the confidence, resilience and relevant skills and knowledge to solve increasingly complex mathematical problems. Pupils are able to understand the relevance and importance of mathematical ideas and relate this to real life. We want all our children to feel confident enough to “have a go” and have the resilience to be persistent when problem solving. Children at SP know that there is more than one way to problem solve and this is respected and celebrated. Children will leave KS2 prepared for the next step in their education.