

# Our Mathematics Curriculum

At Athersley South Primary School, we promote a mastery approach to the teaching of mathematics and embrace the idea that all children can do well in maths while fostering We strive to promote curiosity and a love of mathematics and instil an understanding that maths is vital for everyday life. We want our pupils to develop the skills, knowledge and understanding that will help them to appreciate how mathematics fits into our world and is essential to everyday life, critical to science, technology and engineering, and necessary for their future employment. We aim for every child to develop a sound understanding of Maths and equipping them with the skills of fluency, calculations, reasoning and problem solving.

We deliver National Curriculum for maths drawing on the DfE Ready to Progress statements and the small steps from the NCETM curriculum prioritisation materials to support all of our pupils in making good progress in their maths mastery journey. All children are taught key mathematical concepts incorporating a deep understanding of the mathematics they are learning, which ensures all children build firm foundations for their future learning. It is our belief that pupils develop best as mathematicians in a structured environment which places learning in a practical and meaningful context. A high emphasis is placed not only on the understanding of skills and concept but also on the ability to use and apply maths to solve 'real life' problems. We have high expectations of our children and strive to make the mathematics curriculum accessible to all. Maths lessons are carefully crafted, in order to allow all pupils to access mathematical concepts and ideas and explore the rich connections between them.

We plan and teach using a range of high-quality resources, visual representations and practical resources, including NCETM Curriculum Prioritisation Materials, White Rose premium resources, Nrich, Braining Camp and Master the Curriculum to ensure our pupils develop a meaningful understanding of the concepts and become competent mathematicians.

Our Maths Lead works closely with the maths hub, NCETM Primary Mastery Specialists, our ECM trust maths director and other professionals as part of the NCETM Sustaining Mastery Programme to ensure the best outcomes in maths for all our pupils.

<https://www.ncetm.org.uk/classroom-resources/cp-curriculum-prioritisation-in-primary-maths/>

This resource provides coherent sequencing for the primary maths curriculum. It draws together the DfE guidance on curriculum prioritisation, with the high-quality professional development and classroom resources provided by the NCETM Primary Mastery PD materials. Each step builds carefully from the previous step, building on pupils' prior knowledge to develop new skills. Planning for long term memory includes daily fluency sessions which allow pupils opportunities to revisit and practise key skills.