

# Maths

At Four Lanes Community Junior School, we believe that Mathematics is not just an academic subject but also an important life skill. Maths learning is planned to help children sustain a deep understanding of mathematical domains and begin to make links between these and the wider curriculum. We want to develop pupils' mathematical thinking and curiosity through a carefully designed curriculum, which follows the 'Teaching for Mastery' approach. The redevelopment of maths mastery is a whole-school approach where all staff are aware of the current key priorities and how these will lay the foundation for further depth in the upcoming academic year. All pupils have access to rich resources, supporting the building of deepened and accurate vocabulary and knowledge application, which is supported with the CPA (concrete, pictorial, abstract) approach. As a result of this, pupils develop a strong mathematical reasoning alongside fluency, problem solving and other investigative problems. In line with the mastery approach, Four Lanes follows the small steps outlined by White Rose Maths. The scheme is used by staff as a basis to inform teaching which is then adjusted and adapted in order to tailor it to the needs of our children. There is an expectation that the majority of pupils will move through all programmes of study at the same pace as their peers although some pupils may require further support, differentiation and intervention. As well as ensuring there is support for those who may find certain domains challenging, pupils who secure concepts quickly should be challenged to deepen their knowledge and understanding rather than moving on to new learning.



	Year 3	Year 4	Year 5	Year 6
Autumn	Place Value Addition and Subtraction Multiplication and Division	Place Value Addition and Subtraction Multiplication and Division	Place Value Addition and Subtraction Multiplication and Division Fractions	Place Value Addition, Subtraction Multiplication and Division Fractions
Spring	Multiplication and Division Length and Perimeter Fractions Mass and Capacity	Length and Perimeter Fractions Decimals	Fractions Decimals and Percentages Perimeter and Area Statistics Shape	Decimals and Percentages Area and Perimeter Statistics Shape
Summer	Fractions Money Time Shape Statistics	Money Time Shape Statistics Position and Direction	Position and Direction Decimals Negative Numbers Converting Units Volume	Position and Direction Ratio and Algebra Converting Units Themed Projects and Investigations