



Mathematics

Breadth of Study

(See also the Long Term Plan for each Year Group)

Key Stage 1	Key Stage 2
<ul style="list-style-type: none">• Count and calculate in a range of practical contexts.• Use and apply mathematics in everyday activities and across the curriculum.• Repeat key concepts in many different practical ways to secure retention.• Explore numbers and place value up to at least 100.• Add and subtract using mental and formal written methods in practical contexts.• Multiply and divide using mental and formal written methods in practical contexts.• Explore the properties of shapes• Use language to describe position, direction and movement.• Use and apply in practical contexts a range of measures, including time.• Handle data in practical contexts.	<ul style="list-style-type: none">• Count and calculate in increasingly complex contexts, including those that cannot be experienced first-hand.• Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.• Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.• Explore numbers and place value so as to read and understand the value of all numbers.• Add and subtract using efficient mental and formal written methods.• Multiply and divide using efficient mental and formal written methods.• Use the properties of shapes and angles in increasingly complex and practical contexts, including in construction and engineering contexts.• Describe position, direction and movement in increasingly precise ways.• Use and apply measures to increasingly complex contexts.• Gather, organise and interrogate data.• Understand the practical value of using algebra.