

## Maths' Big Ideas (Key Concepts)

Mathematics is a creative and highly inter-connected discipline that has been developed over centuries, providing the solution to some of history's most intriguing problems. It is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.

<b>KC1</b>	Fluency	Children will recall facts and procedures and move between different contexts and representations.
<b>KC2</b>	Reasoning	Children will follow lines of enquiry, conjecture, relationships and generalisations, and develop an argument, justification or proof using mathematical language.
<b>KC3</b>	Problem solving	Children will apply their mathematics to a variety of problems. They will break down problems into a series of simpler steps to develop their mathematical thinking.