



Our Vision for Teaching and Learning in Mathematics

At Barnes Infant Academy staff support children in developing a positive mindset towards maths. We believe **all children are capable of learning mathematics to the highest level**. When teaching, we endeavour to support children in developing a **deep understanding** of mathematical concepts, making **connections** to their previous learning.

Teachers help children to develop **a range of strategies** they can use to support calculating and mathematical thinking. This is done using a **concrete, pictorial and abstract** approach. Children **apply** their mathematical knowledge when attempting to **solve problems** in a range of contexts. As children develop number sense and **fluency**, they are encouraged to decide upon the most appropriate strategy, including the use of equipment or diagrams where appropriate. The children are given regular opportunities to use mathematical vocabulary to **explain** their thinking and develop their **reasoning skills**.