



## Our Vision for Teaching and Learning in Mathematics

At Barnes Infant Academy 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 heavily reliant on the use of **concrete, pictorial and abstract** methods. Children are **challenged** with a **wide variety of problems**. As children develop **fluency**, they are encouraged to decide upon the most appropriate strategy themselves, including the use of any equipment or diagrams where necessary. The children are encouraged to give **reasons** for their answers and **explain** their mathematical thinking.