



## Mathematics at Buttsbury

At Buttsbury Infant School the **intent** of our Maths curriculum is to ensure that all children are fluent in the fundamentals of Mathematics. We build on what the children already know and give them the knowledge and skills for future learning. The curriculum is designed so that it is ambitious for all learners. Knowledge, skills and concepts are clearly outlined in an age-appropriate and progressive way so that children's understanding is extended, year upon year. From this they will be able to reason mathematically and apply their knowledge to solving problems using numbers.

### How is Maths **implemented** at Buttsbury Infant School?

We encourage a healthy growth mindset by promoting social skills including good manners, resilience, perseverance, self-awareness, consideration and cooperation. The curriculum supports children to become fantastic role models and the very best versions of themselves.

Units of learning are blocked, well sequenced and build on previous learning. Lessons ensure that progress is achieved through small steps, allowing children to develop their subject knowledge, consolidate skills and apply this to their learning. We encourage children to ask questions, investigate and articulate the reasons for their answer.

Strands in Maths include: Number and Place Value, Multiplication and Division Facts, Measurement, Geometry (shape, direction and position), Statistics and Algebra.

At Buttsbury Infant school, Maths lessons may include:

- Use of practical resources (CPA approach)
- Collaborative learning and talk partners
- Investigations and word problems
- Opportunities to practise key skills and apply their knowledge to problems
- Reasoning opportunities
- Mini- plenaries and fluid groupings

### What is the **impact** of the Maths curriculum on our children?

Our curriculum encourages all children to achieve their maximum potential by having high expectations. Children are able to select appropriate methods to solve problems and can explain their choices to others.

As a result of our Maths curriculum, children are equipped with the necessary knowledge and skills for the next stage of their education at junior school. They are able to apply their knowledge in other areas of the curriculum.

### What our children say about Maths

EYFS 'I like learning about shape. A triangle has three straight sides.'

Year 1 'I like using the number line practically to hop along.'

Year 2 'I like the times tables. I am really good at the ten times table.'