

Maths at Buttsbury

At Buttsbury Primary School the **intent** of our Maths curriculum is to ensure that all children are fluent in the fundamentals of Mathematics. 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. Our curriculum allows children to better make sense of the world around them, relating the pattern between mathematics and everyday life.

How is Maths **implemented** at Buttsbury Primary School?

We have a broad and balanced Maths curriculum at Buttsbury Primary School, where children are given the opportunity to master their learning by **'applying what they have learnt to a new situation'**.

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 new learning. We encourage children to ask questions, investigate and have a 'trial and improvement' approach.

Strands in Maths include: Number and Place Value, Addition and Subtraction, Multiplication and Division, Fractions, Ratio and Proportion, Measurement, Geometry, Algebra and Statistics.

At Buttsbury Primary school, Maths lessons may include:

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

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

Our curriculum encourages all children, regardless of ability, to think deeply and apply their skills to new, and increasingly complex situations. Children are able to select appropriate methods to solve problems and can explain their choices to others.

As a result of this, children have the ability to demonstrate resilience when the task is challenging. They are not only able to apply their knowledge in other areas of the curriculum but also understand the relevance and importance of their learning in relation to real world concepts.

What our children say about Maths

Reception – "I like learning about shape. A triangle has three straight sides."

Year 1 – "I like using the number line, particuallary to hop along."

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

Year 3 – "I love using the equipment because it helps me solve problems."

Year 4 – "Everyday we learn new things and we put all of it together to solve problems."

Year 5 – "The work is challenging so it really makes me think!"

Year 6 – "I like that we repeat things we have already learnt but then we move on to learning new topics."