

Mathematics – Intent, Implementation and Impact (2025/26)



Intent

At Blue Coat (CE) Infant School, our aim is to develop confident, fluent and resilient mathematicians who enjoy learning mathematics and understand its importance in everyday life.

We intend for all pupils to:

- Develop a positive attitude towards mathematics, gaining success and enjoyment.
- Build secure conceptual understanding through a high-quality curriculum informed by White Rose Maths, NCETM and Rosenshine's Principles of Instruction.
- Become fluent in number facts and calculation methods, enabling them to recall and apply knowledge efficiently and accurately.
- Reason mathematically by explaining their thinking clearly and using precise mathematical language.
- Solve problems by breaking them down into manageable steps and persevering to find solutions.
- Take risks in their learning and select appropriate strategies, asking themselves: *Can I make it? Can I draw it? Can I do it in my head?*

Implementation

Mathematics is taught using a Concrete–Pictorial–Abstract (CPA) approach to ensure all pupils develop deep and lasting understanding.

- Lessons are carefully sequenced and build on prior learning, allowing pupils to make connections and consolidate knowledge over time.
- In EYFS, the Word Aware approach is used to explicitly teach and reinforce key mathematical vocabulary through visuals, repetition, modelling and structured talk, supporting language development and inclusion.
- Manipulatives, pictorial representations, models and images are used consistently to support understanding and reasoning.
- A mastery approach is embedded, with reasoning and problem solving integral to every lesson.
- Mathematical vocabulary is explicitly taught and modelled, supporting pupils to articulate their thinking with confidence.
- Fluency is developed through varied practice, including the use of Numbots and Times Tables Rock Stars where appropriate.
- Teaching is adapted to support pupils with SEND and those who are vulnerable, through scaffolding, pre-teaching, targeted support, flexible recording and careful use of representations, while maintaining high expectations for all.
- Assessment and feedback are used effectively to address misconceptions and deepen understanding, including regular Read and Respond opportunities.

Impact

As a result of our mathematics curriculum:

- Pupils develop confidence and enjoyment in mathematics and are willing to take risks in their learning.
- Pupils demonstrate secure understanding of key concepts, using a range of strategies and representations to solve problems.
- Pupils are fluent in number facts and calculation methods, enabling them to work accurately and efficiently.
- Pupils reason mathematically, explaining and justifying their thinking using appropriate mathematical vocabulary.
- Pupils apply their mathematical understanding across different contexts and make meaningful connections between concepts.
- Pupils with SEND and those who are vulnerable are supported to access the same high-quality curriculum, removing barriers and enabling success.
- Teachers have strong subject knowledge and use assessment effectively to inform teaching and next steps.

Through high-quality teaching and an inclusive approach, our mathematics curriculum equips all pupils with the skills, confidence and resilience they need to succeed and to let their light shine.