



Bramcote C of E Maths Curriculum

Intent:

At Bramcote C of E Primary, we aim to develop confident, fluent and enthusiastic mathematicians who show initiative and a positive attitude to challenge. Our maths curriculum builds strong number skills, deep understanding and the ability to reason and solve problems independently.

We teach maths in small, connected steps so that children secure key knowledge and make meaningful links across learning. Using concrete resources, visual models and clear mathematical language, pupils develop a solid understanding before moving to more abstract ideas.

We nurture children's ability to take initiative—choosing efficient strategies, explaining their thinking and exploring different approaches. As a community school, we value collaboration: pupils learn to support one another, share ideas and celebrate success together.

All children are supported and challenged to achieve their best. Our goal is for every child to leave primary school with the confidence, resilience and mathematical skills needed for the next stage of their education and life beyond the classroom.

Implementation:

At Bramcote C of E we follow the National Curriculum, supported by the White Rose scheme and resources from the National College. Our maths curriculum is delivered through a structured and carefully sequenced approach that enables all children to build strong foundations and make secure progress. Lessons are designed around small, connected steps so that new learning builds meaningfully on what pupils already know. Teachers use practical resources, visual representations and clear modelling to ensure that children develop deep conceptual understanding before moving on to abstract methods.

Across the school, pupils experience a balance of fluency, reasoning and problem-solving. Mathematical vocabulary is introduced explicitly and reinforced consistently so pupils can articulate their thinking clearly and confidently. Assessment for learning is embedded throughout lessons, enabling teachers to address misconceptions promptly and adapt teaching to meet the needs of all learners.

We place strong emphasis on initiative. Pupils are encouraged to make independent choices about strategies, explore alternative methods, ask questions and evaluate the efficiency of their approach. This supports them in becoming resilient, resourceful and self-directed learners who can approach challenges with confidence.

Our approach also reflects the importance of community. Children learn collaboratively—working in pairs, small groups and as a whole class to share ideas, compare strategies and support one another. Through discussion and shared problem-solving, pupils build communication skills and understand that mathematics is a social, shared and connected subject.

Through this carefully designed implementation, we ensure pupils develop the understanding, confidence and positive attitudes they need to thrive as mathematicians now and in the future.

Impact:

Our maths curriculum enables pupils to become confident, capable and positive mathematicians. They develop strong fluency, secure understanding and the ability to reason and solve problems independently.

Assessment shows that most pupils make strong progress and achieve well from their starting points. Gaps are identified and addressed quickly, ensuring all children move forward securely.

By the time they leave our school, pupils are well-prepared for the mathematical demands of secondary school and equipped with the confidence and skills they need for future learning in our ever-changing world.

Spirituality

In maths, we support pupils' spiritual development by nurturing a sense of awe, curiosity and appreciation for the patterns, structures and beauty found in the subject. Maths encourages children to wonder about how and why things work and to recognise order within the world around them.

Through exploration, creative problem-solving and moments of discovery, children experience the satisfaction and joy that come from finding connections and making sense of ideas.

Mathematics helps pupils appreciate different ways of thinking and understand that there are often multiple approaches to a single problem. This promotes open-mindedness, respect for others' perspectives and a thoughtful, reflective attitude to learning.

