



BISHOP ROAD
PRIMARY SCHOOL

MATHEMATICS



CURRICULUM INTENTION

To engage, inspire and challenge pupils mathematically to calculate and solve problems across a variety of contexts whilst becoming fluent and accurate with efficient strategies. Children can use the relevant vocabulary



WHAT DOES MATHEMATICS LOOK LIKE AT BISHOP ROAD?

- Over their time at Bishop Road, children will study a broad and balanced mathematics curriculum. They will cover areas including number, addition and subtraction and division, multiplication and division, fractions, decimals and percentages, shape and space, statistics and algebra appropriate to their age.
- Mathematical areas are regularly revisited throughout the year to encourage children to recall their prior learning and commit it to long term memory.
- Children will have numerous hands-on learning opportunities and will approach a concept first with concrete resources, followed by pictorial guides before finally moving to the purely abstract concept. This allows them to develop a deep and lasting conceptual understanding of the maths curriculum.

ENRICHMENT OPPORTUNITIES

At Bishop Road all of the children benefit from an exciting range of trips and visits.

Carefully chosen visitors come to lead exciting enrichment activities which encourage the children to use and apply their mathematical thinking, including in the contexts of coding and problem solving.

CONTRIBUTING THROUGH MATHS

We believe that everybody plays an essential role in their community and it is important that we teach children how to contribute. In maths, children learn to show initiative in solving problems, including the new and unusual, and to think independently and show perseverance.



ESSENTIAL CHARACTERISTICS OF MATHEMATICS

- An understanding of the important concepts and an ability to make connections within mathematics.
 - A broad range of skills in using and applying mathematics.
 - Fluent knowledge and recall of number facts and the number system.
 - The ability to show initiative in solving problems in a wide range of contexts, including the new or unusual.
 - The ability to think independently and to persevere when faced with challenges, showing a confidence of success.
 - The ability to embrace the value of learning from mistakes and false starts.
 - The ability to reason, generalise and make sense of solutions.
 - Fluency in performing written and mental calculations and mathematical techniques.
 - A wide range of mathematical vocabulary.
 - A commitment to and passion for the subject.
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CURRICULUM COVERAGE