

Maths Subject on a page

Excellence through enjoyment

Maths provides a foundation for understanding the world and promoting strong reasoning skills. Enjoyment and curiosity are fostered through engaging activities and special events led by experts.



Intent - We aim to:

Promote deep conceptual understanding and fluent recall of core knowledge.

Highlight connections to the wider curriculum and real life.

Use precise vocabulary when justifying and reasoning.

Work systematically to expose patterns and secure understanding.

Apply learning to a variety of routine and non-routine problems.

Develop resilient learners who enjoy challenges and demonstrate perseverance.

Implementation - How do we achieve our aims?

Mathematical behaviours

- Staff model good oracy skills and encourage precise vocabulary
- Pupils practise efficient knowledge recall and calculation procedures
- Staff continually deepen their own subject knowledge and pedagogic approaches

A 'Yes You Can' attitude

- We promote a 'can do' attitude across nursery and school, modelling enjoyment and a growth mindset
- Success is linked to effort and hard work, as ability is not fixed
- 'The answer is only the beginning' as solutions are shared, analysed and discussed

Building connections

- Connections are made to the wider world to enhance understanding and help new learning stick
- Opportunities are provided for maths to be used within other subjects and activities
- The diverse nature of the global maths community is celebrated

Manageable learning steps

- Long term plans are broken into manageable steps which carefully build on prior learning
- Clear models and representations in the learning environment help scaffold and support learning
- Pupils are challenged by exploring concepts in greater depth

Inclusive approach

- Both nursery and school understand vulnerable groups and their needs
- Staff confidently adapt provision to ensure all children can access learning and develop good conceptual understanding
- Misconceptions are explored positively as part of daily teaching

Reasoning and problem solving

- Pupils are challenged to justify and reason mathematically about new learning
- Pupils are exposed to a variety of problems, both closed and open-ended, to challenge their thinking and support the learning of different approaches

Impact - How will we know when we have achieved our aims?

Children talk about maths confidently in a range of contexts.

All children make sustained progress from EYFS to the end of primary.

Children articulate their reasoning effectively using precise vocabulary.

Children develop depth of understanding within taught concepts.

Children recall core facts fluently and apply efficient procedures to solve calculations.

Children persevere when challenged with unfamiliar problems, maintaining a 'can do' attitude.