

## INTENT



We aim to ensure that all pupils develop:

- fluency in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately
- the ability to reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- the ability to solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions
- an understanding of the important concepts and an ability to make connections within mathematics.
- a broad range of skills in using and applying mathematics.
- a 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.

## IMPLEMENTATION



- Pupils participate in daily Maths lessons and links are made across other curriculum areas.
- Teachers use and adapt the Enfield LA termly overviews to ensure lessons across year groups show progression.
- The curriculum is engaging and focused on fluency, Mathematical thinking, use of representations, variation and coherence.
- Our innovative use of ICT supports the learning of multiplication tables and promotes increased engagement both at school and at home.
- We provide opportunities for pupils to engage in enrichment Maths workshops during and after school. This is an inclusive approach which endeavours to encourage personal development and wellbeing.

## IMPACT



- During and/after lessons, pupils are assessed through informal assessment techniques: questioning, conferencing, reviewing written work against learning objective/success criteria, short retrieval activities, flashbacks.
- Termly Rising Stars tests are undertaken for Maths.