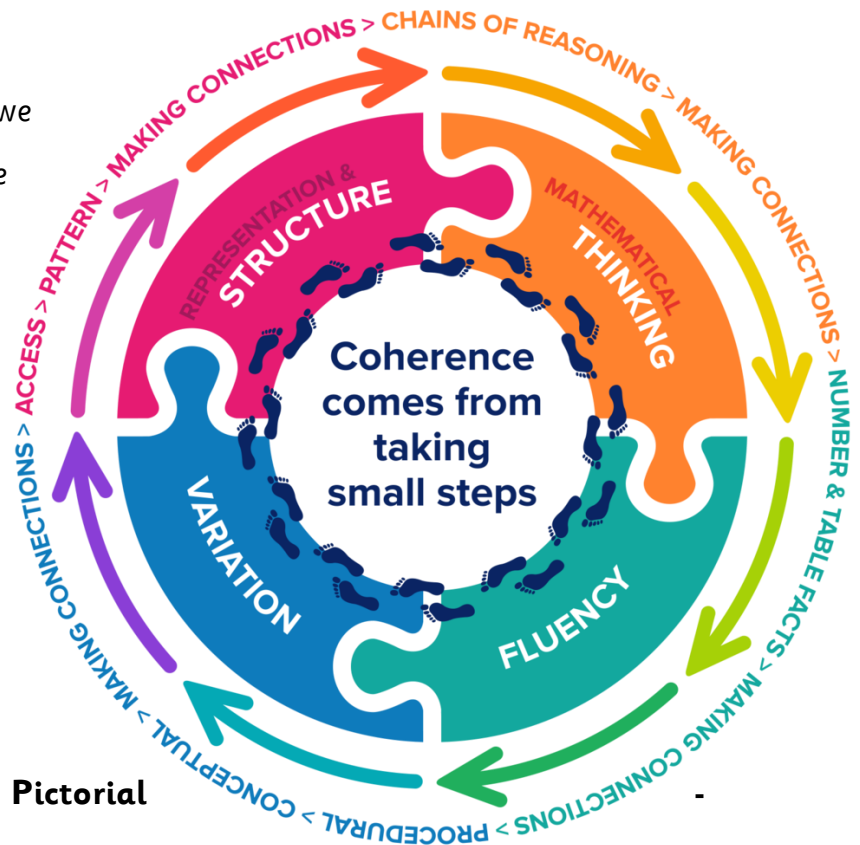


# Maths Vision Statement

At Clapham Manor Primary School, we embrace a mastery-led approach to our Maths teaching, ensuring that all our students leave with the necessary skills and confidence to apply mathematical concepts in real-life contexts. Mastery involves a deep understanding of the "how" and "why" behind mathematics, enabling our students to become fluent mathematicians with a strong, conceptual foundation.

To support our students in achieving this, we deliver bespoke lessons following the White Rose scheme of learning, aligned with the Rosenshine principles delivered across the Clapham Manor curriculum. Additionally, we utilise a wide range of resources to provide comprehensive support and expose students to a variety of Maths problems.



## Deepening Understanding (Concrete - Pictorial Abstract)

We believe in building a solid foundation for mathematical learning, starting with concrete materials and pictorial representations to explore new concepts before transitioning to abstract ideas. In the Early Years Foundation Stage (EYFS) and Key Stage 1 (KS1), we focus on developing a strong sense of numbers. This lays the groundwork for Key Stage 2 (KS2), where students can build upon their prior knowledge and make connections between different mathematical concepts. We view Maths as a language that students can become fluent in, understanding the necessary skills and procedures to solve problems and develop rich connections across mathematical ideas. This fluency empowers them to be flexible and confident in explaining and justifying their answers.

## **Creating Resilient Learners**

We encourage a positive attitude towards Maths and champion the subject within our school and the wider community. We recognise the importance of embracing mistakes as an integral part of learning, removing the “fear of the dreaded wrong answer” and fostering resilience among our learners. A growth mindset is nurtured in all students at Clapham Manor, encouraging them to embrace challenges and independently explore new mathematical concepts.

## **Progression**

Within our lessons, teachers and students engage in Maths talk to further explore mathematical concepts, address misconceptions, and explain their reasoning verbally. Through whole-class, collaborative approaches, students are encouraged to support or challenge their peers’ ideas, promoting child-led discussions that drive learning forward.

Classes move on together as much as possible, ensuring clear and consistent progression in lessons. This sequential “small-steps” approach enables skills to build and reinforces long-term memory across the Maths curriculum. Through quality first, precision teaching, we ensure that all students can access the learning sequences and develop their understanding. Students who grasp concepts rapidly are appropriately challenged with rich and deep problems before moving on to new content. Those who require additional support and practice consolidate their understanding before progressing.

## **Growing Brighter Futures**

We recognise Maths as a creative subject that seeks patterns, makes connections, and offers new perspectives on the world. Our students are encouraged to relate mathematical concepts to practical, real-life contexts. Mathematics is an essential life skill that permeates all aspects of life, enabling us to contribute and succeed in the modern world. At Clapham Manor, we believe that every child can achieve, and we empower our students with confidence and a “can do” attitude that inspires and engages them as mathematicians.