



Stopsley Community Primary School

Calculation Policy

September 2024

## **Maths at Stopsley Community Primary School and Nursery**

Here at Stopsley Community Primary School we follow a mastery approach to mathematics which aims to develop the three strands of the national curriculum: fluency, reasoning and problem solving. To ensure consistency and parity across the school:

- All classes and year groups follow a mastery approach to mathematics.
- The lessons are structured to create opportunities for children to explore, talk and practise before completing work independently.
- All steps in learning are taught using a concrete-pictorial-abstract approach. All stages of C-P-A are important to deepen understanding and although the aim is for children to use the abstract method with fluency, a pupil has achieved mastery of a particular concept if they are able to use all three methods confidently to explain their thinking.
- Children are encouraged to use the correct mathematical vocabulary and answer in whole sentences.

### Conceptual and Procedural Variation

In our lessons we aim to develop a deep understanding of mathematics through conceptual and procedural variation. Conceptual variation means that the children have the opportunity to work on different representations of the same idea. Procedural variation is used to support pupils' deeper understanding of a mathematical procedure by supporting them to make connections across ideas and examples.

### Coverage and progression of skills:

We use the White Rose Maths Hub National Curriculum progression document and long term planning to ensure full and accurate coverage of the National Curriculum. (Available at <https://whiterosemaths.com/> )

### Calculation

We use the White Rose Maths Hub calculation policies.

(Available at <https://whiterosemaths.com/resources?year=year-1> )