



**LIMITLESS POTENTIAL**

**IGNITE PASSION**

**EMBRACE DIFFERENCE**

## **Mathematics**

### **Intent**

To provide children with stimulating, challenging and engaging lessons that **ignite passion** for mathematics, delivered through a mastery curriculum.

Unlocking **limitless potential** through the development of a growth mindset where children can learn from mistakes and show resilience when faced with mathematical problems.

**Embrace difference** through delivering an inclusive and rigorous scheme of learning for all children regardless of needs, ability or background.

Explore mathematics as an interconnected subject, moving fluently between different representations of maths including how to reason and problem solve.

### **Implementation**

In school, we follow the national curriculum and use White Rose Schemes of Work as a guide to support teachers with their planning and assessment.

The calculation policy is used within school to ensure a consistent approach to teaching the four operations over time.

All lessons will begin or end with children being posed a problem. This will ensure children have daily opportunities to reason mathematically and develop their problem solving skills.

Outside of the core maths lesson, children will have daily maths meetings facilitated by the class teacher. The meetings will provide opportunities for repeated practice of basic skills and concepts as well as consolidation of previously taught topics.

A love of maths is encouraged throughout school via links with others subjects, applying an ever growing range of skills with growing independence.

Children move through the different stages of their learning at their own pace.

The children's learning experiences will include the concrete, pictorial and abstract approach to introducing mathematical concepts. Children will use a range of resources, pictorial representations and abstract notation to develop and showcase their understanding.

Children who have shown their understanding at a deep level within the unit, will have opportunities to apply these skills in a greater depth activity. This should be challenging and ensure that children are using more than just one skill to be able to answer the mathematical problems.

Mathematics is enriched through the use of ICT. Children are regularly given opportunities to access Times Table Rockstars and Numbots in school as well as practice at home.

Strong links between school and home ensure parents and carers have a strong understanding of how we teach Maths at Hazlewood Community Primary School and how they can help their child improve.

Regular, structured conversations with children will take place to ensure we include the pupil's voice in improving the teaching of maths.

Teachers will engage in regular coaching and professional discussions to ensure they are delivering the highest quality maths curriculum possible.

**Impact**

Children show confidence, believing they can achieve.

Each child makes or exceeds expected progress.

Mathematical concepts or skills are mastered when a child can show it in multiple ways.

Children show a high level of pride in the presentation and understanding of the work.

A rapid recall of key facts and procedures.

Consistency in teaching and learning from Nursery to Year 6.