## Intent, Implementation and Impact in Maths



# 'Working together, learning together, achieving together'

At Mattishall Primary School we value the whole child and balance their academic needs with their social, emotional and personal development. We nurture children to have active, inquisitive and creative minds. We help them by:

- · providing a high-quality curriculum with a clear pedagogical approach
- · developing empathy, confidence and resilience
- · recognising what equality, diversity and tolerance means
- · equipping them with 'life skills' and behaviours for learning
- · encouraging individuality
- · having high expectations and celebrating success and achievement
- · raising aspirations for the present and future
- · providing a stimulating environment
- · promoting a positive partnership with our parents/carers
- · developing independent global citizens of the future

#### Intent

At Mattishall our Vision for mathematics is to teach a rich, balanced and progressive curriculum using Maths to reason, problem solve and develop fluent conceptual understanding in each area. Mathematics at Mattishall Primary School provides all children with the opportunity to learn using the Concrete, Pictorial, Abstract approach. The mathematics that children learn will equip pupils with the confidence in applying the methods taught in order to build their fluency, problem solving and reasoning skills. This will ensure pupils are prepared for the mathematics they will encounter in everyday life.

### **Implementation**

The Mattishall Primary Mathematics curriculum has been carefully mapped to reflect a spiral curriculum. Our curriculum overview maps for each class have been adapted by teachers using curriculum prioritisation sheets, these enable teachers to plan more accurately for the needs of their class. Termly calculation audits and formative and summative assessment is used to consider adjusting the curriculum accordingly. The areas of Mathematics have been mapped out across the year to ensure areas are revisited to build upon previous learning and to further develop our pupils long term memory. Teachers use a range of resources, including White Rose, Classroom Secrets and Mini Maths to ensure children are challenged and provided with the Mastery Maths opportunities. Maths working walls in classrooms are used during lessons to support children's learning. Children use Mini maths and early morning work to practice the 4 main operations of Maths every day to support their learning.

## **Impact**

We have different ways of measuring the success of learning across the curriculum. This allows children to celebrate their successes as well as knowing what they need to do to progress. These may include:

Statutory assessment (Maths, English)

Adult observation including staff, parent/carers and governors

Self-Assessment (Traffic light)

Attainment Tracker

Recorded Tasks (Children's work)

Verbal Feedback

End of unit quizzes

Vocab Victories

Video /photo evidence

Performance

Talking Partners

Peer feedback

Pupil Progress Tracking meetings

Pupil Passport (SEND)