# Henham and Ugley Primary and Nursery school

# Maths

# Statement of Intent, Implementation and Impact

## Intent

Mathematical skills and knowledge is delivered, explored and revisited through an awareness of learning and progress needs and abilities. Children should develop resilience and self-confidence in applying their learning.

## Implementation

A 'mastery' approach has been adapted and implemented at Henham and Ugley Primary and Nursery School, for the planning, delivery and engagement with mathematics.

We use the White Rose Maths Scheme of Work to timetable mathematical units that are explored progressively, drawing on resources, data and suggestions from reliable sources such as NCETM and nrich.co.uk, to link mathematical talk and knowledge across the various units (e.g. multiplication and area).

Teachers use a range of the following mastery strategies:

- Small steps
- Ping pong style of delivery
- Manipulatives
- Considering key questions and mathematical vocabulary at the point of unit planning
- Multiple opportunities for verbal and written/drawn reasoning (explaining and using mathematical vocabulary to explain methods or reasoning) within unit exploration
- Inclusion of relevant problem-solving opportunities, where children are expected to draw on and apply multiple concepts to address or approach a challenge
- Modelling of 'errors'
- Pre-teaching
- Modelling of all skills and approaches
- Modelling and sharing of efficient and accurate application of methods
- Opportunities to explore maths concepts/objectives at 'greater depth'
- Include all learners, providing both challenge and relevant support.

Regular assessment, both formative and summative is used as part of our assessment cycle.

All staff have regular CPD opportunities.

## Impact

Mathematics will be interactive and engaging, with content made relevant to children's real-world experiences and contextualised to support consolidation and the retention of knowledge and skills.

Children will approach mathematical study with confidence and enthusiasm.

When faced with a challenge, children will be able to make links to prior knowledge.