

INTENT

In line with the National Curriculum Objectives for Mathematics, our intent is that all pupils:

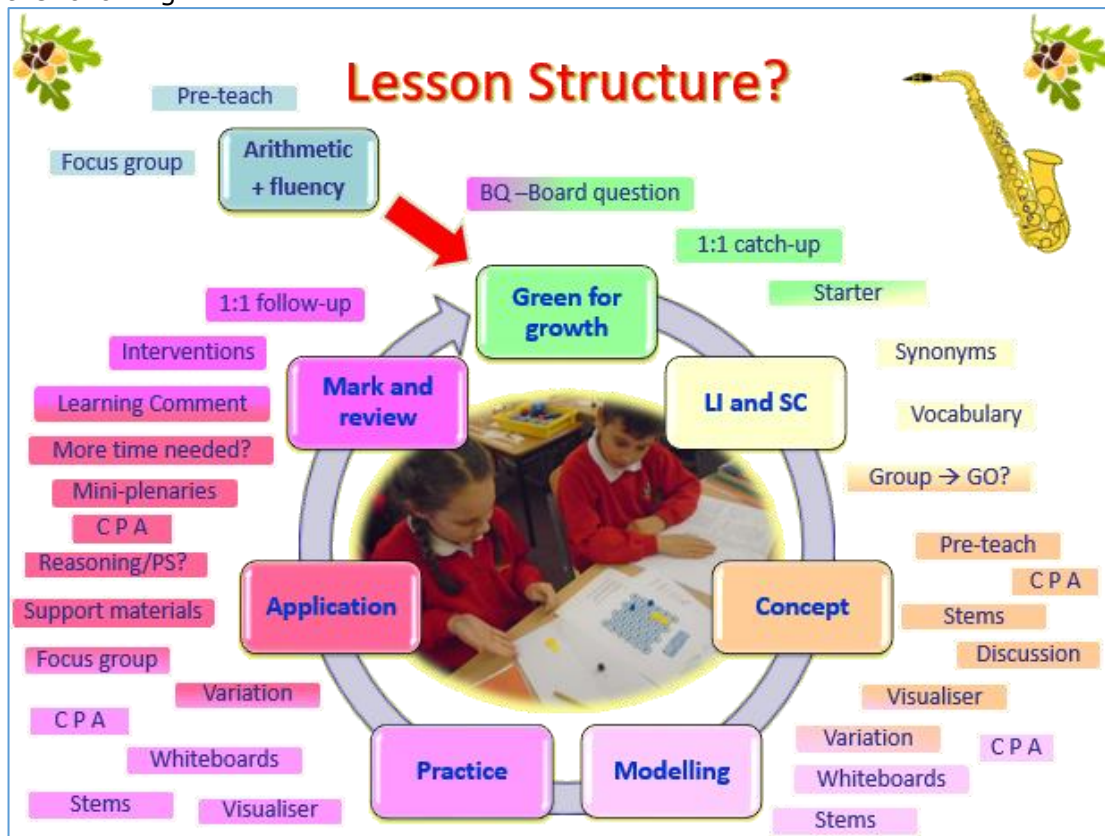
- become **fluent** in the fundamentals of mathematics
- **reason** mathematically
- can **solve problems** by applying their mathematics

Also, as part of our ethos, we aim to:

- Foster a love and **enthusiasm** for maths everyday
- Allow children to show their **REAL wheel values** and learning superpowers through maths
- **Celebrate** mathematical achievement and progress

IMPLEMENTATION

- Hursthead follows many aspects of the *mastery* approach by embedding the use of the five key ideas: coherence, representation and structure, mathematical thinking, fluency and variation.
- Children study mathematics daily following the White Rose Maths Scheme of Learning. WRM is a blocked, coherent scheme, which allows for depth and breadth of learning within each strand of mathematics.
- Maths lessons take place daily (usually in the mornings) but some aspects of maths will also be covered/consolidated through cross-curricular opportunities. In a maths lesson you might expect to see the following:



- Teachers will also use our REAL wheel and superpowers to encourage children to motivate children with a particular focus on resilience when encountering problem-solving.
- Children's achievements in TTRS and maths challenges are celebrated in assemblies alongside as well as praise postcards and stars of the week.
- Teachers attend regular staff meetings from the subject leader to ensure subject confidence and CPD opportunities through maths hubs, TRGs and network meetings.

IMPACT

- By the end of Year 6, the large majority of children will reach or exceed age-related expectations in mathematics
- Monitoring Strategies: Book Looks, Learning Walks, Pupil and Staff Voice, Planning reviews, professional discourse, Pupil Progress Meetings
- Formal assessments are completed termly to gauge children's progress
- Regular arithmetic assessments show progress in fluency and procedural understanding
- End of unit assessments pinpoint areas of misconception or strength for each child
- In class, children recognise maths across the curriculum.