

# Mastery at the Meadows

At the Meadows Primary School, our mission is to ensure that all of our children are provided with the opportunity to master mathematics in each year group, through high quality, inspirational and enjoyable lessons.

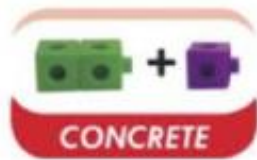
Our goal is to make sure that all of our children appreciate the importance of mathematics in everyday life and secure deep foundations for understanding the world.

We want to challenge all of our children to think mathematically, on their journey through our concept-based and age-appropriate curriculum.

We believe that through providing positive experiences and the right support in mathematics everyone can achieve.

## Non-negotiables:

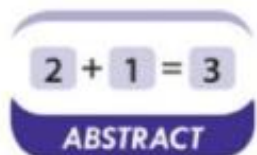
- A minimum of 5 hours of mathematics to be taught each week
- Lessons to begin with 5 minutes of number fluency – counting, number facts etc
- Lessons are carefully planned using small steps
- New learning is linked to existing knowledge
- Varied fluency, problem solving and reasoning feature within every lesson
- Concrete-pictorial-abstract approach to be modelled by the teacher to support understanding
- STEM sentences used to provide children with the language to reason and problem solve
- 'Dong Nao Jin' - 动脑筋 – 'Use your head' – greater depth challenge to extend learning available in every lesson
- Range of manipulatives to be readily available for all
- Working walls to be kept up to date and used to support children's learning



Concepts are introduced through hands on experiences using concrete manipulatives.



Children visualise concepts and represent them pictorially through various models.



Children only use abstract numbers and symbols when they have enough context to understand what they mean.