

Intent for Maths at Farmilo Primary School

Heather Fearn (OFSTED Inspector) said ...

"INTENT is all the curriculum planning that happens before a Teacher teaches the knowledge that the pupils need, to learn the next thing in the curriculum."

The national curriculum for mathematics aims to ensure that all pupils:

- ♣ become **fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- ♣ **reason** mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- ♣ can **solve problems** by applying their mathematics to a variety of routine and nonroutine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

At Farmilo Primary School and Nursery we intend our Mathematics Curriculum to be ambitious for ALL pupils. It will be coherently planned and sequenced to enable our children to become confident, lifelong Mathematicians. ALL children will be given the opportunity to reach their own potential in the above core skills, and our curriculum designed so that there is never a "lid on any child's learning" Children will be exposed to their year groups curriculum and it will be our job to strengthen their **mastery** of this knowledge by using a range of concrete, pictorial and abstract resources.

Farmilo's approach to the teaching of Mathematics is one based heavily on using assessment to inform next steps and planning. Teaching for Mastery is embedded and the principle of Shanghai Maths to spend more time deepening understanding on key concepts adhered to. If our robust assessments show that a class needs to spend more time consolidating a particular topic then they have the flexibility to do this. We trust our practitioners to decide what their children really need rather than rushing on when a scheme might be telling us to do so.

It is our intent that Farmilo children will be able to make links between their Mathematical knowledge to a range of subjects and topics including Science and Technology.