



*Learning through hard work, friendship and fun.*

# **Mill Lane Primary School**

## **Maths Policy**

Adopted: March 2020

Review date February 2022

At Mill Lane Primary School, we aim to:

- Foster an understanding of maths skills in order for children to apply these skills in life situations.
- Develop the mental and written skills of each child to their highest level.
- Produce confident children able to understand and use appropriately a variety of strategies.
- Encourage independent learning and ownership of learning.
- Provide children with the opportunity to work individually and collaboratively.
- Create a stimulating environment in which maths is valued and celebrated.
- Embed maths across the whole curriculum where applicable
- Enjoy a diverse and enriched curriculum.

Maths is taught in accordance with the National Curriculum and Early Years Foundation Stage Curriculum. Staff are encouraged to use cross curricular links wherever possible.

### **Teaching and learning**

- In nursery and Reception the Early Years Foundation stage Curriculum will form the basis for all maths planning
- From year 1 upwards Staff will plan from the National Curriculum.
- 5 hours of maths will be taught each week – usually in one hour blocks.
- Children will be formally assessed 3 times through an academic year (results will be recorded on Integris).
- Assessment will be based on National curriculum objectives and will use Cornerstones / old SAT's papers combined with teacher assessment/judgement.
- Teachers will monitor the progress of children throughout the year and will discuss this at Pupil Progress meetings (3 x annually).
- Interventions and additional support will be put in place for children not making expected progress.
- Teachers will include reasoning, fluency and problem solving throughout each area of learning.
- We are a Numicon school and all children should be familiar with Numicon from EYFS so it can support children's learning.
- Mathematics will be displayed in each classroom to support the children's learning and provide a safety net if needed. Displays may include but not be limited to working walls, times tables grids, place value and calculation methods.
- We will identify which pupils or groups of pupils are under achieving and take steps to improve their attainment.
- Gifted children will be identified and suitable learning challenges provided.

### **Targets**

Children in KS2 will have individual maths targets. These can be found in the front of children's maths books. Targets will be changed as children achieve their current target.

Children will be given time at the beginning of every maths lesson to practise independently, reflecting on their target and/or their written feedback.

### **The use of ICT**

Opportunities to use ICT to support teaching and learning in maths will be planned for and used as appropriate.