



## **EYFS Maths Curriculum at Stapleford Primary School**

### **Maths and Scheme of Learning**

- At Stapleford we use the White Rose Maths scheme of learning as it links well to ELG (Early Learning Goals). The statements/outcomes are identical between both WRM and ELG and we feel WRM supports the achievement of the ELG.
- WRM was beneficial to our children and families during COVID lockdowns as the carefully made videos provided excellent support in:
  - explaining concepts clearly,
  - making use of representations,
  - breaking learning into small steps and
  - providing the ability for working and non-working parents and carers to access resources at any time.
- WRM supports children's learning through concrete, pictorial and abstract means.
- Clear representations are used and these continue through the key stages to support children's learning.
- WRM develops our use of correct mathematical language (for example, addends, subtrahend) by introducing it to our younger children so it filters and develops through the school.
- We are a maths mastery school and are using WRM to embed and sustain mastery practices across throughout our school. We believe in mastery and the benefits for our children.

### **How we plan?**

- We use WRM scheme of learning to plan and deliver our lessons.
- For nursery we use the non-statutory 'Development Matters' as this provides a clear list of 'by this age you should see...' statements. It is clear, concise and easy for teaching staff to use and follow. We use this as a guide.
- Our children complete mastering number activities each week which can be incorporated into our math's lessons or as a standalone activity.
- We regularly subitise to improve children's number skills and provide them with a good fluency basis.

### **How do we assess? What evidence do we keep?**

- For children in reception, teacher judgement is used to assess children using the Early Learning Goals and Development Matters. Teachers use Development Matters to assess children in nursery.
- We have a large class book that records children's learning, interactions and activities through the day.
- From the spring term Reception children have their own maths book to record their lessons and learning in.

### **When do we teach math's?**

- Maths is taught daily for Reception children. Mastering number activities occur four times weekly – sometimes these activities are taught within the maths lesson itself. This develops children's fluency.

- Nursery children have a maths session Tuesday and Friday mornings where they learn maths through games and songs. The emphasis is very much on 'active maths'.

### **Mastery Techniques used in EYFS**

- Stem sentences
- Reasoning skills (I know that...) These statements are displayed in the classroom.
- Ping pong style teaching
- Use of manipulatives
- Children choosing a challenge
- I say – you say
- Give me a silly answer

### **Which manipulatives do we use?**

- Rekenrek
- Counters
- Numicon
- Dice
- Dominoes
- Natural resources (cones and stones)
- Tens frames
- Cubes

### **What a typical lesson looks like?**

- We begin with carpet activities and using the interactive whiteboard to support learning
- Math's is active
- Short sessions to engage learners
- Ping pong style – questions and activities bouncing back and forwards between the teacher and the children.

### **How do you support learners in math's?**

- Representations
- Interactive white board
- Partners / peer support
- Use of manipulatives
- One-to-one support when needed
- Repetition

### **How do we extend learning in EYFS?**

- Through greater depth challenges
- Further/deeper questioning
- Guided activities