



EYFS Maths Curriculum at Stapleford Primary School

Maths and Scheme of Learning

- At Stapleford we use White Rose Education (WRE) scheme of learning as it links well to ELG (Early Learning Goals). The statements/outcomes are identical between both WRE and ELG and we feel WRE really supports the achievement of the ELG.
- We found WRE beneficial to our children and families during COVID lockdowns as the carefully made videos supported children and families, explaining concepts clearly, use of representations, small steps and ability to access at any time for working and non-working parents alike.
- WRE 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.
- We are developing 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 we are on a journey to embedding and sustaining mastery practices across throughout our school. We believe in mastery and the benefits for our children.

How we plan?

- We use WRE scheme of learning to plan and deliver our lessons.
- For nursery we use the non-statutory 'Development Matters' as this gives us a clear list of 'by this age you should see...' We feel it is clear, concise and easy for teaching staff to use and follow. We use this as a guide.
- Our children do mastering number activities each week which can be incorporated into our maths 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.
- From the spring term reception children have their own maths book to record their lessons and learning in.
- We have a large class book that records children learning, interactions and activities through the day.

When do we teach math's?

- Maths is taught daily for reception children during the afternoon with the teacher. Mastering number activities occur four times weekly – however sometimes these 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 IWB to support learning
- Maths 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 maths?

- 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