

SPRINGFIELD PRIMARY SCHOOL

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Maths at Springfield Primary School

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

- Become fluent in the fundamentals of mathematics...
- Reason mathematically...
- Can solve problems...

By the end of each key stage, pupils are expected to know, apply and understand the matters, skills and processes specified in the relevant programme of study. A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.

The expectation is that the majority of pupils will move through the programmes of study at broadly the same pace

-National Curriculum 2014

Maths at Springfield is delivered using the National Curriculum and Early Learning Goals for EYFS.

Our maths lessons adopt a 'mastery' approach to learning. Learning will take place in blocks, covering carefully sequenced objectives over the course of the year.

Objectives within each unit of work will be broken down into 'small steps' and delivered to children through carefully planned and well-structured lessons. This will allow children to achieve and master each objective before progressing and building on these strong foundations.

Please come into school if you require further translation or explanation of this letter.

Achieving Together



Within each lesson there will be opportunities for children to deepen their understanding of each objective, as well as opportunities for children to receive additional support when necessary in order to meet each objective.

At Springfield we recognise that mental maths skills are key to allowing children to access the more complex calculations and number objectives set out in the national Curriculum, and as such we dedicate daily time to allow all children to develop these skills.

There will be a balance between developing children's fluency, reasoning and problem solving within, and across, units of learning.

Practical resources will be used consistently across school to allow for a concrete → pictorial → abstract approach to learning. This approach works to ensure that children are secure in their mathematical understanding. Details of this progression can be found in our calculation policy.

Assessment of Maths at Springfield

Assessment of maths is done in a variety of ways, including:

- Pre-learning tasks
- Peer marking
- Teacher and Teaching Assistant marking and feedback (both verbal and written)
- Assessment for Learning

This will all take place alongside more formal assessments each half-term.

All of these methods allow teachers at Springfield to identify children's next steps and plan carefully tailored lessons for their class, as well as allow teachers to provide children with the support they need within the lesson.

Home Learning

Children are encouraged to do some home learning such as learn their times tables and reading the time on both analogue and digital clocks. We also encourage children to practise skills and strategies they've learnt in school at home and we encourage them to take advantage of the subscription to SumDog and Times Table Rockstars.

More information about home learning can be found on the homework grid which is sent home each half term.

Through our approach to maths at Springfield, we actively encourage all children on to become independent, resilient and successful mathematicians.