

Subject on a page: Maths at Langley Park Primary School



At Langley Park Primary School

Our Maths curriculum:

- Engages and excites pupils through stimulating lessons that spark curiosity.
- Develops key knowledge and skills in fluency, reasoning, and problem-solving.
- Builds mathematical capital, giving pupils confidence and real-life application.
- Is ambitious in scope, ensuring all pupils access high-quality, challenging learning.
- Motivates through real-life contexts and enrichment opportunities.

Curriculum planning

Our Maths curriculum:

- Follows a coherent, sequenced structure using White Rose Maths to build progression and mastery.
- Fully covers the National Curriculum, ensuring all statutory objectives are met.
- Introduces concepts through familiar contexts, supporting accessibility before moving to abstract ideas.
- Uses a consistent teaching model ("I do, we do, you do") to scaffold learning and promote independence.
- Supports long-term retention through regular revisiting and structured practice.

Key documents

- Maths Vision
- Maths LTP
- Subject on a page
- British Values in Maths

Links to our school values and motto

Motto: 'Taking CARE in all we do.'

Our CARE values underpin everything we do in school:



We are kind and look out for each other.



We aim high and strive to be the best we can be.



We show respect to adults, each other and our school.



We aim for excellence in all we do.

In Maths at Langley Park:

- We show **compassion** by supporting one another in group tasks, sharing strategies, and learning collaboratively.
- We show **ambition** through a well-planned, progressive curriculum.
- We show **respect** by valuing diverse mathematical contexts and perspectives, including cultural and global applications.
- We show excellence by taking pride in our work, striving for accuracy, and reflecting on our learning to improve.

Books

Each lesson will be identified by the short date (e.g. 24.03.23) and learning objective at the top of each page. In order to facilitate quicker learning, learning objectives and short date can be printed for KS1. Learning objectives should be short in length and broad in scope linked to White Rose lesson.

In the classroom

At Langley Park Primary School, maths units are typically taught across each half term, with around 6–7 units covered per year, depending on curriculum needs.

We follow the White Rose Maths scheme, which provides a coherent and progressive structure aligned with the National Curriculum.

Each lesson follows a consistent format rooted in metacognition ("I do, we do, you do"), and includes:

- Pre-teaching based on AfL to prepare pupils for new learning.
- A Daily Five starter (15 minutes) using NFER data to reinforce key skills.
- Guided practice to model and explore concepts collaboratively.
- Independent work to apply learning and build fluency.
- Post-teaching to address misconceptions and consolidate understanding.

This structured approach ensures all pupils are supported and challenged appropriately, with regular opportunities to revisit and deepen learning.

SEND

Maths is taught in inclusive, mixed-ability classrooms where learning and resources are adapted to meet individual needs. Teachers use formative assessment (AfL) to identify pupils requiring additional support and provide targeted pre- and post-teaching interventions. For pupils in the bottom 20% of attainment, particularly in times tables and number facts, school-wide interventions are implemented to close gaps and build confidence.

Early Years

Maths is delivered through the NCETM Mastering Number programme, which focuses on developing strong number sense and fluency with numbers to 10. Lessons are practical, engaging, and tailored to the developmental needs of young learners, laying the foundation for future mathematical understanding.

In Year 1 pupils continue with this programme during the first half of the year to consolidate number sense and fluency developed in Early Years. This targeted approach ensures a smooth transition and strong foundation before introducing the Daily Five. From the spring term onwards, pupils begin to engage with the Daily Five.

Assessment

At the end of each term, children will complete a White Rose assessment. If the class teacher deems it appropriate, children can be assessed on more than one POS. This may allow an accurate comparison across classes. Year 6 will assess using past SATs papers. Data from these assessments will be analysed to inform future planning and the content of the Daily Five.

