

Curriculum Expectations

Maths



Who leads it?

Vicky Smallwood

We aim to deliver a rich and varied curriculum which develops fluency, reasoning and problem solving; enabling pupils to apply mathematical skills and understanding to real life while fostering curiosity and wonder.

The basis for the Key Stage 1 and Key Stage 2 maths curriculum is the White Rose Maths scheme which provides a broad and balanced programme of work. In Early Years and year 1, the NCETM Mastering Number Programme has been adopted to provide all pupils with a solid foundation in number which will support them as they progress through the school.

How often?

Maths is taught daily in every year group. Additional arithmetic and fact fluency sessions are timetabled throughout the week.

Taught by whom?

Maths is taught by class teachers.

Competitions and Challenges

Woodside is proud to be a Times Table Rockstars school. We have also introduced our own Woodside Times Table Champions Awards that now runs alongside.

Lesson Structure

Most lessons will adopt a structure based on Rosenshine's 10 principles of instruction, providing pupils with the opportunity to reflect on previous learning, respond to open questions by explaining their reasons, approach new learning in small steps with concrete and pictorial resources to scaffold learning. Independent practice will involve teachers checking for understanding through live marking and questioning.

All pupils are provided with the support and scaffolding they need to achieve and all pupils can access tasks which will enable them to achieve mastery through deep, connected learning. A fluid concrete, pictorial, abstract approach is taken by teachers to enable pupils to make links and manipulate mathematical ideas. We are proud to be linked to Origin Maths Hub to support the development of mastery across the school.

CPD for Staff (dates)

2023 Spring Staff meeting- Effective lesson structure CPD.

2023 Autumn 1 staff meeting- readiness for mastery.

2023 Autumn staff meeting-problem solving, reasoning and hinge questions.

How are support staff used?

Support staff are deployed to support individual pupils and small groups.

Which resources are used?

A range of manipulative including, numicon, cuisinaire, dienes, rekenreks, cards, dice, fraction walls, place value grids are used across the school.

How is it monitored?

Monitored by subject leader through joint observations across school, maths book reviews throughout the year, pupil voice and monitoring/moderation of standards of children meeting EXS across school, each term.

How is it assessed?

Pupil progress is assessed formatively through 'hinge questions' and 'exit tickets' in every lesson. White Rose unit assessments are used to identify any aspects taught that need consolidating. Termly NFER assessments (past SATS papers in 2 and 6) are used to track pupil progress and identify any pupils who require further support.