



Woodlea Primary School

Maths Curriculum Statement

Intent

- Develop competence in all four operations in line with the national curriculum
- Create resilient and enthusiastic learners who are confident and equipped to take on different challenges
- Nurture exceptional mathematical independence

Implementation

- All children take part in daily high-quality maths lessons
- Teachers use HIAS medium term plans to ensure all objectives in the National Curriculum are taught.
- Teachers use a variety of teaching methods to ensure lessons are engaging and impactful
- Children take part in maths activities designed to develop fluency, reasoning and problem solving skills
- Teachers provide opportunities for learning to take place outside where appropriate, in line with our Outdoor Learning ethos
- Children are explicitly taught reasoning and problem solving skills to help build resilience when faced with challenging tasks
- Teachers take opportunities to make learning purposeful by providing contextual problems which support children's understanding of the concept being taught
- Teachers follow the calculation policy to ensure there is consistency in formal written methods as children progress through the school
- Teachers make problem solving, discussion and investigation integral to mathematics
- Teachers use rigorous daily assessment to gauge understanding and plan for next steps
- Teachers share enthusiasm for the teaching and learning of Maths, developing a culture where mistakes are expected and respected

Impact

By the end of KS2 we aim for children to be fluent in the fundamentals of mathematics with a conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. They should have the skills to solve problems by applying their mathematics to a variety of situations with increasing sophistication, including in unfamiliar contexts and to model real-life scenarios. Children will be able to reason mathematically by following a line of enquiry and develop and present a justification, argument or proof using mathematical language.



- Pupil voice: through discussion and feedback, children will be confident to reflect on their maths lessons and share a love of learning in Maths
- Mathematical Independence: Children become efficient and confident problem solvers, with a strong understanding of how Maths is applied to real world contexts.
- Assessment: All children make good or excellent progress in relation to their unique starting point.
- End of Key Stage data and Year 4 times table data will be competitive with the National Average