Wigginton Primary School
Maths Policy

Mathematics is a creative and highly inter-connected discipline that has developed over centuries, providing the solution to some of history's most intriguing problems. It is essential to everyday life, critical to science, technology and engineering, and necessary in most forms of employment. A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically, and a sense of enjoyment and curiosity about the subject.

Aims

The National Curriculum for mathematics aims to ensure that all pupils:

- become **fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils have conceptual understanding and are able to recall and apply their knowledge rapidly and accurately to problems
- **reason mathematically** by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can **solve problems** by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

In our school, we aim to:

- Stimulate the children's interest in maths and numerical problem solving;
- Equip children with the basic skills in maths that they will need in their everyday lives;
- Develop skills which enable children to use and apply numbers, measures, shape and space and statistics with competence and confidence in a range of contexts;
- Develop children's skills in mental calculation by ensuring they have a repertoire of known facts and strategies from which to draw;
- Develop children's understanding of mathematical terms and their ability to use this vocabulary correctly and concisely;
- Enable pupils to understand the importance of maths and apply the skills of maths in everyday contexts.

In order to achieve our aims we will:

- Plan using the National Curriculum (2014);
- Ensure that pupils have regular opportunities to practise calculating mentally;
- Ensure that maths is presented to pupils in real-life contexts;
- Provide a systematic progression for pupils in using written methods;
- Select appropriate concrete and pictorial representations to support pupils' understanding of mathematics and to help them to develop mathematical reasoning;
- Give pupils opportunities to apply their learning collaboratively to accurately use mathematical language and reason mathematically;
- Link our maths work to other curriculum areas demonstrating that maths is all around us and has a real context for the children's learning.

To evaluate our effectiveness:

- We will follow the school's assessment policy;
- The subject leader will carry out an analysis termly of whole-school data, identifying strengths and key areas for development which will inform further actions in the teaching of maths;
- The subject leader will conduct scrutinies of children's work at least twice a year, promptly feeding back to staff to help to develop whole-school, phase or individual teachers' practice and further pupils' learning;
- The subject leader will be involved in some of the two maths observation windows and take shared responsibility for giving staff feedback;
- The subject leader will produce an annual report on standards across the school and key issues for development. The report will go into the Governors' Teaching and Learning committee and feed into the school improvement plan.

Laura Blackmore - Maths Subject Leader

This policy has been agreed by the Governors and is reviewed every three years.

Signed _____ *(Chair of Governors)*

Signed _____ *(Headteacher)*

Date March 2026