

Nun Monkton Foundation Primary School

"Be curious, be brave and believe"



MATHS STATEMENT OF INTENT

intent

At Nun Monkton Foundation Primary School, we aim to develop confident, curious and resilient mathematicians who understand the value and relevance of mathematics in everyday life and the wider world. We aim to instil a love of number and problem-solving by making maths engaging, purposeful, and accessible to all learners.

Our maths curriculum is designed to ensure that every child has the opportunity to thrive and we provide a strong foundation in mathematical knowledge and skills, enabling children to reason, solve problems, and think critically and creatively. Through a carefully sequenced curriculum that builds on prior learning, we promote fluency, conceptual understanding, and the ability to apply maths in a range of contexts.

We embrace the mastery approach, ensuring that children develop a deep and lasting understanding of mathematical concepts. Our teaching encourages children to make connections, explain their thinking, and take risks in a safe and supportive environment. Mistakes are valued as part of the learning process, and perseverance is celebrated.

By the time our pupils leave Nun Monkton, they are equipped with the confidence and competence to use mathematics in their daily lives and are prepared for the next stage of their education.

IMPLEMENTATION

At Nun Monkton Foundation Primary School, we use the White Rose Maths scheme as the foundation for our curriculum. This provides a coherent, progressive framework that ensures consistent coverage of the National Curriculum across all year groups.

We adapt and enhance this planning to meet the individual needs of our learners, recognising that all children learn at different paces and in different ways. Teachers draw upon a wide range of high-quality resources to design lessons that are engaging, accessible, and challenging.

Teaching staff plan carefully to ensure that all pupils are supported and appropriately challenged. For those who need additional support, we use targeted interventions and scaffolding to build confidence and fluency. At the same time, we provide rich, open-ended tasks to stretch and deepen the understanding of pupils who are ready for greater challenge.

Lessons are structured to promote fluency, reasoning, and problem-solving, with a strong emphasis on mathematical vocabulary and explanation. Concrete resources, pictorial representations, and abstract approaches are used throughout the school to support children's understanding.

Our small school setting enables us to know our children exceptionally well, allowing us to create a personalised approach which helps to ensure every child leaves our school as a confident, capable mathematician.

IMPACT

The impact of our maths curriculum is seen in the growing confidence, resilience, and enthusiasm our pupils show towards mathematics. Children develop secure conceptual understanding and fluency in the fundamentals of maths, enabling them to recall and apply knowledge with increasing speed and accuracy.

Through consistent teaching, careful assessment, and timely support, we ensure that all children make good progress from their starting points. Our small class sizes and strong relationships allow teachers to closely monitor understanding and address misconceptions swiftly, ensuring that no child is left behind.

Pupils are able to articulate their mathematical thinking, use appropriate vocabulary, and apply their learning to problem-solving and real-life contexts. They demonstrate perseverance and a willingness to tackle challenges, reflecting our whole-school values of curiosity and resilience.

By the time they leave Nun Monkton Foundation Primary School, our pupils are confident, independent mathematicians, well-prepared for the next stage of their education. They carry with them a positive attitude towards maths and the belief that they can succeed.

Our Maths teaching and learning supports the following school aims:

- Enable children to become **independent** and **confident** learners; **well-rounded** characters who are **self-aware**, **reflective** and **resilient** individuals.
- **Care for and about each other**, be **courteous** and **empathetic**, showing **respect** and **understanding** towards everyone.
- Create a **safe and stimulating** place where children are **happy** and **enthusiastic** learners, where they learn how to keep themselves **safe and healthy**, able to **communicate** & work in a **team**, developing **confidence** and **life skills** together.
- Encourage everyone to have **high expectations** of **themselves and others**, **supporting** and **challenging** everyone to **achieve** their best, developing a strong **work ethic**, **self-motivation** and taking **pride** in their achievements.
- Enable children to develop an **understanding of the wider world** through learning and exposure to a **variety of cultures**, **ideas** and **beliefs**, **respecting** and **recognising individuality** and **diversity**.
- Provide a **wide range of interesting and exciting learning opportunities** to **enthuse** everyone to be lifelong learners, through engagement in a curriculum that instils **values for life** and **prepares pupils** for wherever their journey takes them as adults.