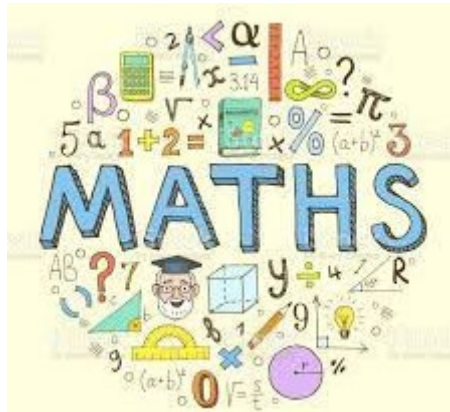


Our vision for maths at our school

At North Mundham we want all children to consider themselves a mathematician. We aim for every child to develop competency, and in turn confidence in maths. We aim to provide a curriculum that challenges and caters for the needs of all children, in which all children develop a secure understanding and enjoy using the skills and knowledge they have learned to solve increasingly challenging mathematical problems. Developing an early love of mathematics is key: our curriculum aims to develop the fluency, reasoning, and problem-solving skills that they will need throughout their education and life. We adopt a small steps approach to learning and apply learning to a range of real-life contexts. We use many different concrete and pictorial representations to support and deepen mathematical understanding. Teaching with adaptive practice allows all children to make progress. We achieve this through scaffolded learning, which includes modelling, use of manipulatives, learning reviews / recall and effective feedback.

Maths at North Mundham Primary School



A North Mundham leaver will..

- A confident mathematician with a love for the subject.
- Have a robust understanding of the number system and place value including the four operations and their connections with fractions, decimals, percentages, and ratio.
- Have developed efficient written and mental methods to perform calculations accurately.
- Know multiplication tables and be able to recall facts with precision and fluency.
- Have developed conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- Be able to reason mathematically.
- Be able to solve a series of problems, identifying successfully steps to solve the problem with resilience and perseverance.
- Use precise mathematical vocabulary with confidence and correctly.
- Classify shapes and confidently work with problems involving geometry and measure.

All children will have the opportunity to...

Engage in a daily maths lesson that is engaging, adapted to individual needs, and learning styles and based on small step learning. Children will have the opportunity to ask questions and gain effective feedback to help them address misconceptions.

Children will have access to resources that support their understanding of mathematical structures. They will have the opportunity to apply their knowledge and skills in a variety of ways to help them make links and connections.

We enrich the curriculum by

- Including real-life problem-solving opportunities
- Providing STEM projects and activities
- Maths themed events, such as TT Rockstar Day
- Using online games and education platforms
- Supporting programmes and schemes such as 123 Maths
- Providing mathematical based tasks in OPAL play activities

Our maths curriculum

Our curriculum is based around the 'White Rose' learning scheme. This provides the basis of our school curriculum for Years 1 – 6 and provides a comprehensive platform to support our planning, implementation, and assessment. Steps are taught in a carefully planned order that allows children to build on small step learning and connect ideas. In EYFS, maths teaching follows the Early Years curriculum Statutory framework 'Development Matters' where they will develop a strong grounding in number developed through creative and interactive experiences coupled with discrete teaching of key knowledge.