



Maths Intent Statement

At Norden Community Primary School, we believe that numeracy is an essential life skill. We are committed to enabling and supporting our children in becoming confident and fluent lifelong mathematicians. Our planning and teaching shows clear progression from Early Years to Year 6 and identifies the disciplinary and substantive knowledge required of the children using the EYFS framework and the National Curriculum. The children are given the opportunity and are encouraged to build on their prior mathematical knowledge and understanding. We adapt and personalise our teaching to meet the needs of all children, whilst setting challenging and thought-provoking tasks.

We provide high quality teaching and a mathematically rich learning environment, where children feel supported and comfortable in developing and implementing their maths skills. We expose children to high-level mathematical vocabulary throughout lessons, displayed on our working walls and in every day conversations. By maintaining high expectations of ourselves, and each other, our children will be equipped to encounter mathematical challenges and experiences with resilience and determination.

The key principles behind our maths curriculum are for our children to develop the following essential characteristics as mathematicians:

- Fluency in the fundamentals of mathematics through varied and frequent practice and a comprehensive understanding of an extensive base of mathematical knowledge and vocabulary
- A conceptual understanding of mathematics and ability to recall and apply knowledge with increasing speed and accuracy
- Independence and confidence to reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- A deep and sustainable understanding of maths through concrete, abstract and pictorial representations
- A fluent, accessible and automatic knowledge of times tables and an ability to apply their knowledge to real-life purpose
- Resilience and confidence when 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 perseverance in seeking solutions
- A genuine interest in the subject and a real sense of curiosity about maths and an understanding of how acquired skills are required in everyday life