

## Curriculum Intent - Mathematics

At Northwood Park Primary, we are passionate about **preparing children for life beyond primary school** and mathematics forms an integral part of helping children to **grow as happy and successful individuals**. Our dedicated staff **STRIVE** to support our pupils in embracing the key National Curriculum principals of KS1 and 2, allowing our children to **discover hidden talents, skills, new passions** and to **develop their curiosity and creativity** by **working hard, working happier and working together in HARMONY** in order to **apply their learning** to **challenging real-life contexts**.

Our staff endeavour to **INSPIRE** our children and ensure that through a systematic build-up of fluency, reasoning and problem-solving tasks, we provide an inclusive learning experience accessible for all pupils, which **builds on their prior learning** and encourages the development of their mathematical skills to their full potential. Teachers reinforce an expectation that all children are capable of achieving **high standards** in Mathematics, with teaching underpinned by a methodical curriculum design and supported by carefully crafted lessons and resources to foster deep conceptual and procedural knowledge.

Teachers provide a stimulating and **NURTURING** classroom environment, complete with **extensive resources** in order to teach **a broad range of strategies**, encouraging children to work both **independently and collaboratively** using purposeful and meaningful **discussions** to further enrich their understanding. A great emphasis is placed on using mathematical language and questioning enabling our children to discuss the mathematics they are doing, and so support them to take ideas further. Through this approach, children who attend Northwood Park Primary have the **confidence, perseverance and resilience** to approach mathematics through an independent, consistent and creative manner which will aid strong progression through the entire primary curriculum and allow our children to **EXCEL**. Due to the interconnected nature of mathematics, at Northwood Park Primary we aim to teach maths in a cross curricular manner as well as discretely to teach the practical application of mathematical skills. As well as being fluent mathematicians, we want our pupils to love and learn more about mathematics across a wider curriculum through **challenging real-life contexts**. These real-life contexts are being utilised in order to include cross-curricular maths in the afternoons.

In our Early Years Foundation Stage, we recognise and celebrate that every child who attends Northwood Park Primary is a **unique** individual, who **develops and learns in different ways and at different rates**. Through developing **strong and positive relationships**, our early year's practitioners provide **enabling environments** which ignite children's **curiosity** and enthusiasm for learning, and **provide children with opportunities to develop and improve their skills in counting, understanding and using numbers, calculating simple addition and subtraction problems; and to describe shapes, spaces and measure**. Since lockdown, a focus has been placed on **developing fine motor skills alongside number confidence as otherwise children are unable to record their mathematical ideas**. Learning has been linked to the prerequisite skills required from the Nursery curriculum in order to provide the foundations needed to build learning.

Memorising and recalling times tables facts **and additive facts** is of great importance at Northwood Park Primary. All year groups have a daily times table **and fundamental**

calculations session with times tables being delivered in an exciting and memorable way, boosting children's confidence both in Maths lessons and in the skills utilised in the wider world around us.

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