

## Our vision – Maths Mastery

At Warren Wood Primary School, we passionately believe that every child can excel in maths and are devoted to ensuring our children leave primary school with a sound understanding of the fundamentals of mathematics. We aspire to help each child develop a love of maths and aim to create an environment that fosters an enjoyment and curiosity of the subject and helps them to become confident mathematicians.

We provide our children with deep and meaningful learning experiences that explore mathematical concepts deeply through the new approach to mathematics we have recently embarked on – Maths Mastery. Through this new approach, children in Warren Wood will achieve a deeper understanding of maths, enabling them to make connections between various mathematical concepts and solve problems both systematically and creatively. Teaching using the mastery approach has inclusivity at its core. In maths lessons at Warren Wood, the whole class moves through topics and concepts at the same pace. We spend longer amounts of time on key mathematical topics and concepts to allow all learners to practice, explore the concept in depth and provide any interventions in a timely and effective manner. We believe and aspire to ensure that all learners, with the right support and scaffolding, access and understand the full mathematics curriculum and are committed to ensuring that no child is left behind.

The core concepts teachers take into consideration when planning maths lessons are the ‘Big Five Ideas’ of Maths Mastery, outlined by the National Centre for Excellence in the Teaching of Mathematics:

- Fluency
- Representation and Structures
- Cohesion
- Variation
- Mathematical thinking

## White Rose

We have embraced a new and exciting maths programme called White Rose to support our teaching from Reception to Year 6. This programme is unpinned by the core values of maths mastery, is fully aligned with the National Curriculum and is recommended by the Department for Education. White Rose is a whole-class, mastery-based resource that, through a growth mind-set approach, empowers every child to succeed.

## What does a lesson look like?

Throughout children's mathematical learning journey in Warren Wood, they are encouraged to solve problems each day using a concrete, pictorial, and abstract approach, which is fluid. Children are first introduced to an idea or skill through a variety of methods, including acting it out with real objects/equipment, allowing children to see and understand maths in the real world. They then relate the 'hands-on' representation to a picture or diagram of the problem to enable children to represent problems using mathematical notations supported by a solid foundation and understanding. Individual lessons are divided into 3 clear sections: I do, we do, and you do.

## Useful Links

Have fun with maths using the following links:

<https://www.timestables.co.uk/>

<https://www.oxfordowl.co.uk/for-home/advice-for-parents/help-with-times-tables/>

## Maths Policies

Please use the link below to access Warren Wood's Maths Subject Policies:

[https://4b89542e-4f56-4437-bf9d-7963bb16274f.usrfiles.com/ugd/4b8954\\_576eb3b418c1425aaf414d962daf6212.pdf](https://4b89542e-4f56-4437-bf9d-7963bb16274f.usrfiles.com/ugd/4b8954_576eb3b418c1425aaf414d962daf6212.pdf)