

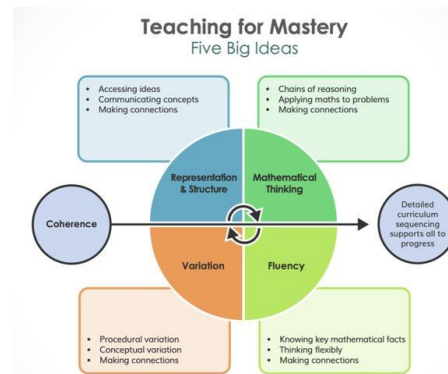
MATHS AT PALACE WOOD PRIMARY

VISION

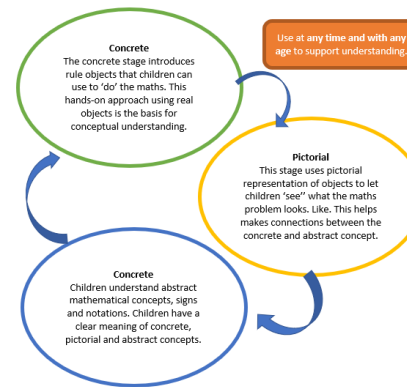
At Palace Wood Primary School, we passionately believe that **every child can excel** in maths and are devoted to ensuring our children leave primary school with a comprehensive understanding of the fundamentals of the mathematics. We aspire to help each child develop a love of maths that will enable them to make sense of the world around them. We aim to create a learning environment that fosters an enjoyment and curiosity of the subject, helps children to become confident mathematicians and encourage them challenge themselves.

MASTERY APPROACH

We teach maths following the **mastery approach**.



CONCRETE, PICTORIAL ABSTRACT (CPA)



KENT AND MEDWAY MATHSHUBS

Teachers at Palace Wood are provided with high quality CPD from the Kent and Medway Maths hub to ensure all pupils received a high-quality curriculum.



HOW IS MATHS TAUGHT AT PALACE WOOD?

Maths is taught through whole-class teaching, with all pupils progressing through the curriculum at the same pace. Lessons are planned and carefully scaffolded to support all learner, provided every child with the opportunity to succeed. Alongside building fluency, children are encouraged to reason and solve problems daily. Rapid interventions are carried out daily to ensure children 'keep up' rather than 'catch up'. This approach embeds our 4Cs: challenge, curiosity, courage and compassion.

FLUENCY

Children are supported to become fluent in mathematics at palace wood by ensuring their number sense is secure.

Children in Reception and KS1 participated in Mastering Number.

Mastering Number at Reception and KS1

Children in KS2 focus on learning and consolidating timetables as well as arithmetic sessions. This allows children to be able to think flexibly (without cognitive overload) when reasoning and problem solving.

REASONING AND PROBLEM SOLVING

Reasoning and problem-solving are key skills in mathematics. We encourage students to think critically, explore different strategies, and make connections between concepts. By engaging in hands-on activities and real-life problems, students learn to approach challenges with confidence and creativity. Through reasoning, they develop a deeper understanding of mathematical principles, while problem-solving helps them become independent thinkers. Our goal is to foster a love for learning and equip students with the tools they need to tackle any mathematical challenge, both in the classroom and beyond.

WHITE ROSE MATHS

Palace Wood follows White Rose Maths to support teaching. This a high-quality resource that ensure national curriculum objectives are met.

