WATTON WESTFIELD INFANT & NURSERY

Mathematics in Watton Westfield Infant and Nursery School

Clarion Inclusive TRUST

Curriculum Drivers	Sequencing of Content	Big Ideas
Ambitious: We encourage children to be curious, confident and ambitious mathematicians. Through practical experiences, reasoning and problem-solving, children are challenged to develop their understanding and recognise mathematics in everyday life. **Inclusive:** We believe every child can be a mathematician. We use practical resources, visual representations and adaptive teaching to ensure all children can access learning, succeed and be challenged. **Knowledge Rich:** Our curriculum is informed by Development Matters and the National Curriculum. NCETM Mastering Number in Reception and Oak National Academy resources in KS1 support carefully sequenced learning, with regular opportunities to revisit and consolidate knowledge. **Fluent:** We develop secure number sense, recall of key facts and an understanding of mathematical relationships. Children are encouraged to explain their thinking and apply their knowledge flexibly using different strategies and representations.	In EYFS, mathematical understanding is developed through practical experiences, adult-led teaching and purposeful play. In Reception, NCETM Mastering Number supports early number development, alongside learning in pattern, shape, space and measures. In KS1, Oak National Academy resources support our agreed progression of small steps, building on children's prior knowledge and developing fluency, reasoning and problem-solving skills. Regular Mastering Number sessions continue throughout KS1 to strengthen number sense and understanding of number relationships. Across the school, mathematical vocabulary, practical resources and varied representations support children in developing secure understanding.	**Coherence:** Learning is carefully sequenced in small steps, building on prior knowledge to develop secure mathematical understanding. **Mathematical Thinking:** Children are encouraged to reason, solve problems and explain their thinking using mathematical vocabulary. **Representation and Structure:** Practical resources and visual representations help children explore concepts and recognise mathematical relationships. **Fluency:** Children develop confidence in recalling number facts, recognising relationships and applying their knowledge flexibly. **Variation:** Children explore concepts through different examples and representations, recognising what changes and what stays the same.

Diversity	Retrieval Practice
We celebrate the diverse backgrounds, experiences and abilities of our children, promoting the belief that mathematics is for everyone. We encourage a growth mindset, where children feel confident to share ideas, take risks and learn from mistakes. Through practical and collaborative activities, children develop confidence and positive attitudes towards mathematics.	Retrieval practice is embedded throughout our mathematics curriculum to help children remember and apply previous learning. Through regular revisiting, questioning and practical activities, children strengthen their understanding, make connections between mathematical concepts and develop confidence in recalling and using their knowledge.