Ashwell Primary School
Maths Curriculum
Intent - Implementation - Impact

INTENT: Why do we teach what we teach?	IMPLEMENTATION: How do we teach it?	IMPACT: What has been the impact and how do we know?
Our maths curriculum intends to: ✓ Deliver an aspirational curriculum, ensuring progression and coverage builds upon prior knowledge gained from Nursery to Year 6 ✓ Encourage learners to be resilient, communicative learners, fluent in the fundamentals of mathematics ✓ Value each child as a developing mathematician encouraging them to reflect on their personal strengths and individual goals. ✓ Engage, enthuse and inspire pupils to foster a love of learning mathematics ✓ Give pupils the confidence to build on knowledge and skills through challenging problem solving exercises ✓ Teach pupils to make connections between familiar and unfamiliar concepts to deepen understanding and effectively transfer skills to other areas of the curriculum and wider experiences. ✓ To instil a natural curiosity for learning and support their own lines of enquiry to solve problems creatively and efficiently.	**Our curriculum for maths is implemented by:** ✓ Lessons are guided by the HfL Essential Maths scheme of work from Nursery to Year 6, to deliver a spiral curriculum where learning is built systematically ✓ Ensuring specific skills and non-negotiables are secured in each year group. ✓ Prioritising high-value learning and using strategies to identify starting points before teaching a sequence of learning. ✓ Providing opportunities to deepen learning and encourage creative thinking so pupils can reason and problem solve. (Buffer zones) ✓ Teaching arithmetic explicitly on a weekly basis in Y1-6 and tracking progress. ✓ Using short, frequent and focused fluency sessions in Y1-6 to secure key learning and to pre-teach learning sequences. ✓ Using manipulatives, Chromebooks, online resources and other providers such as White Rose, NCETM and NRich, to enhance learning opportunities. ✓ Incorporating Active Maths activities into learning sequences to encourage outdoor learning. ✓ Teaching maths skills that link to areas of the curriculum, particularly Science, Computing and Design Technology. ✓ Assess progress using formative assessment methods in lessons, weekly arithmetic tests, regular intervention monitoring to assess progress and impact on confidence levels, and summative assessment data.	**The impact of maths lessons at Ashwell School will be seen through:** ✓ Pupils will be enthused, engaged and inspired in their love of learning mathematics. ✓ Pupil's natural curiosity for learning is developed drawing from their individual strengths facilitated by a positive learning environment. ✓ Learning sequences that are planned, resourced and taught well to support learners of all abilities. ✓ Pupils independently applying their knowledge to a range of increasingly complex problems. ✓ Pupils will be able to reason with increased confidence and accuracy. ✓ Pupils will make links between different areas of maths, spot patterns and sequences and choose the most efficient and useful strategies to solve problems.