

Upton Meadows Primary School

Maths Curriculum Intent Statement



At Upton Meadows Primary School, we aim to create critical and resilient maths thinkers and problem solvers. Our Maths curriculum aims to develop the core foundations of arithmetic and mathematical fluency in an environment that encourages children to seek out opportunities to solve maths problems in a wide variety of contexts. We want to enable our children to enjoy working with numbers and to be confident in explaining their mathematical reasoning. We believe that being numerate is fundamental to achieving academic excellence for all of our children and the teaching of maths by highly skilled and knowledgeable teachers is part of our planned route to educational excellence.

Curriculum design means mathematical concepts are developed and understood throughout the children's journey from EYFS to the end of KS2

Discrete maths lessons are taught daily, with cross-curricular links evident in other subject areas.

Planning is supported by high quality resources, e.g. NCETM and White Rose

The 'Five Big Ideas' in Teaching for Mastery are evident in lessons, allowing pupils to acquiring a deep, long-term, secure and adaptable understanding

The 'Concrete, Pictorial and Abstract' approach is used across the school to underpin the pedagogy of high quality maths teaching for mastery

Carefully designed activities ensure that procedural learning is used along with variation to ensure that concepts are firmly embedded

Children are taught from EYFS that maths can be represented in multiple ways and they are encouraged to do this across the school

Arithmetic is taught explicitly in-line with the NPAT Calculation Policy

Fluency is taught for 15 minutes every day. Year 1, 2 and 3 children have 'Number Sense' and 4, 5 and 6 children have multiplication sessions. Once the year 3 children have finished the scheme, they will move onto daily multiplication sessions.

Fluency is supported using online resources both in school and at home – TT Rockstars (year 2 - 6) and Numbots (FS – year 4)

Children record all their maths learning using maths journals, which gives them the opportunity to show their understanding, knowledge about maths and reasoning skills