



Maths Curriculum Statement

Intent:

Mathematics at Mytchett Primary and Nursery School is challenging, exciting, creative and engaging, and enables children to become confident Mathematicians. Fluency, problem solving and reasoning are at the heart of our teaching; ensuring children develop a secure and transferable understanding of mathematical concepts through a Mastery approach.

Implementation:

The teaching of maths at Mytchett allows all children to achieve. Lessons are carefully planned allowing the whole class to access the same lesson, whilst ensuring learning is personalised via support or challenge. Small steps in progression ensure that children are always making links to prior learning and building on previous understanding. Each new concept is practised and embedded via varied fluency, then reasoning and problem solving ensure a deep understanding of the methodologies within the maths. Children are taught to explain their understanding and give clear reasoning, using appropriate mathematical vocabulary. By exposing children to maths concepts in a range of representations and contexts, they are able to build on their knowledge and apply what they know to new areas. Where appropriate maths is woven into the wider curriculum, enabling children to recognise the relevance and value of maths in day-to-day life.

Alongside maths lessons, children's learning is further supported by access to a range of resources, including DoodleMaths, DoodleTables and The Mytchett Maths Challenge. This ensures a deep understanding and rapid recall of number facts. A great importance is put on these within Mytchett, encouraging practise as home learning as well as within school. Awards within The Mytchett Maths Challenge and the 'Top Doodling Class' are celebrated in assembly, ensuring the profile of these resources remains high and children are always striving to succeed.

The Kite Academy Trust run a series of 'Maths Days' for pupils in all year groups, particularly focussed on challenging the faster graspers.

Impact:

- Children at Mytchett have a love for maths and approach learning with a 'can do' attitude.
- Children have a rapid recall of number facts and times tables enabling them to be agile mathematicians.
- Children are resilient learners and persevere to establish a deep understanding of mathematical methodologies and can use these in reasoning. Children are able to link their learning to solve real-life problems.



- Children will be actively engaged in representing the school in mathematical competitions.
- Children readily accept maths challenges both within school and beyond that test their mathematical agility and deep understanding of mathematical concepts.
-