



Mastery in Maths at Buttsbury Junior School

Effective mastery in Mathematics encourages all pupils, regardless of ability, to think deeply and apply their skills to new, and increasingly complex situations.

Precise questioning during lessons ensures that pupils develop fluent reasoning skills and provide opportunities to think critically about the underpinning mathematical concepts. They are also able to justify through reasoning.

Pupils who are demonstrating mastery in Mathematics are able to select appropriate methods to solve problems efficiently and can explain their choices to others. Children can then represent their calculations in a variety of ways, using pictorials, physical manipulatives and abstract methods to further deepen their knowledge of concepts. They are able to identify and explain mistakes using mathematical vocabulary. Additionally, pupils are able to prove and explain their reasoning both verbally and in full written sentences.

Investigations and word problems during lessons ensure that pupils can develop problem-solving skills and logical thinking. They are able to apply their skills and knowledge that they have learnt within different contexts.

As a result of this, pupils have the ability to demonstrate resilience when the task is demanding and apply their knowledge in other areas of the curriculum.