

FLITWICK LOWER SCHOOL

Policy

Mathematics

Philosophy



Mathematics is a creative and interconnected subject area. It is essential to everyday life, linked to science, technology and engineering as well as being essential for managing finances and is used in most forms of work.

Quality Maths teaching and learning provides a foundation for understanding the world, the ability to reason mathematically and appreciation and enjoyment of the subject. We want to foster a love of Mathematics in all our children.

Aims

- To become fluent in the fundamentals of Mathematics – to recall and apply knowledge rapidly and accurately
- To reason mathematically and follow through a line of enquiry using mathematical language
- To solve problems by applying their mathematics to a variety of situations.

The Curriculum

The Programmes of Study for Mathematics are organised into specific areas (Number, Measurement, Geometry) however, children should make connections between mathematical ideas. Problem solving should be woven into Mathematics Teaching and Learning and should not be a standalone area.

Mathematics Teaching should be visual and practical with a greater emphasis on mental calculation and oral work, including questioning, discussion and explanation. Pupils do not always need to record their mathematics, especially in the younger year groups. There should always be a clear reason for the recording of work; such as to clarify their thought processes; to communicate with others; to practise a skill or to provide evidence for assessment purposes. The formal methods of recording calculations should be taught as shown in the Calculations Policy and only when a child understands the reasons for doing so.

If children are working confidently with particular concepts and need challenging, provision should be made to allow children to deepen their understanding in that area. Extending children's learning is not just about moving them on to the next stage of the curriculum, or onto the following year's curriculum, but about deepening their understanding through applying their learning to new and different contexts as well as providing them with opportunities to practise their reasoning skills.

An overview of the Mathematics curriculum should be shared with parents online.

MARKING

Marking is carried out in line with the school's policy for marking and, when appropriate, with specific reference to the learning intention

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ICT

Appropriate provision will be made for pupils to develop and apply technology capability in mathematics.

This policy links to other policies in the school:

Teaching & Learning

Assessment and Monitoring

Curriculum

The governing body will review this policy statement annually and update, modify or amend it as it deems necessary to ensure the policy meets the needs of Flitwick Lower School

Policy Agreed by staff:	May 2014
Policy Ratified Governors:	
Last Review Date:	
Next Review date:	September 14
Signed:	