



## Mathematics at Blaby Stokes



At Blaby Stokes Primary School, we work towards the following aims in mathematics:

- To meet the statutory requirements of the New National Curriculum 2014.
- To develop positive attitudes towards mathematics and lifelong learning
- To develop competence and confidence in mathematical knowledge, concepts and skills e.g. estimate with confidence.
- To develop the ability to solve problems, to reason, to think logically and to work systematically and accurately
- Use the 'language' of maths.
- To develop the ability to use and apply mathematics across the curriculum and in real life.
- To develop an understanding of mathematics through a process of enquiry

We use a variety of teaching learning styles in in mathematics lessons. When working with the whole class we use an interactive approach wherever possible. Each mathematics lesson consists of mental and oral work introduction to the main part of the lesson, group/individual activities and regular reviews of learning.

A balance of practical, investigative, oral and written activities is used throughout the school. Children are given opportunities for investigative work and problem solving, at all ages and levels, to develop their ability to apply their mathematical skills to real life situations. A cross-curricular approach is used to provide first-hand experience wherever appropriate.

Frequent use of test-type questions (test-base and White Rose Maths hub) allow opportunities for application of previously taught strategies, recall of number facts/vocabulary and explanation of methods chosen to solve a given problem.

The planning which is used throughout the school from Y1 to Y6 follows the Abacus scheme of work and outlines the learning, key questions, differentiation, use of additional adults, activities and assessment opportunities for the unit of work. In Key Stage there is a daily mathematics lesson of between 45 and 60 minutes. In Key Stage 2 there is a daily mathematics lesson of approximately 60 minutes.