

# Mathematics at Galampton Primary School

At Galampton we believe that all children can achieve in Mathematics. The teaching of Mathematics embraces our Vision of 'Achieving and Flourishing'. We strive to do more than have children who are Mathematically adept, we also want them to have a real enjoyment of solving problems and to relish the opportunity to 'think hard'. So we develop Mathematical competence alongside Mathematical Enquiry, encouraging children to use their **fluency in arithmetic** to solve problems. We use **Maths Shed** (see Parents page) at home and in school to develop a wide range of maths skills including number-bonds and times-tables.



We are very proud of our outcomes in Mathematics and this happens as a result of our Quality first teaching and a determination to ensure that all children 'keep up' with age related expectations. We have daily **pre teaching sessions** to ensure that all children have success daily in Mathematics.

We aim to present the subject as one that the pupils can use and enjoy, whilst realising that it is also a tool to be used in the world beyond the classroom. We use the **White Rose Mathematics** materials to support Mathematical teaching. The structure of the schemes for Mathematical Learning gives teachers confidence in making those all-important smaller steps. When you look around our school, you'll see lots of Mathematical models and pictorial support being used everywhere. We believe this approach gives our pupils the stepping stones to **effective problem solving, reasoning and fluency** in Mathematics.



The '**mastery approach**' to teaching maths is the underlying principle of Mathematics Mastery through the use of the White Rose planning resources. Instead of learning mathematical procedures by rote, pupils are taught to build a deep conceptual understanding of concepts which will enable them to apply their learning in different situations. We want all our pupils:

- To be stimulated by daily challenges in Mathematics
- To equip all our children with the basic Numeracy skills necessary for life
- To become fluent in the four operations and to become fluent basic mathematical facts. (**see our Year Group expectations on the Class pages**)
- To encourage children to think clearly and logically, to solve problems and to show confidence in overcoming difficulties
- To encourage a positive attitude to mathematics through appropriate work, encouragement and support
- To enable children to achieve their true potential in mathematics
- To support all children in their work, at whatever level
- To provide a stimulating environment for mathematical activities
  - To encourage an understanding of appropriate mathematical language