



## Mathematics at Farnworth CE Primary

Mathematics is a vital part of everyday life and is a skill we use on a daily basis. Our aim at Farnworth is to ensure maths forms a significant part of our broad and balanced curriculum where we strive to ensure that children develop an enjoyment and enthusiasm for the subject as well as developing an ability to solve problems, to reason, to think logically and to work systematically and accurately. Unlocking mathematical fluency is an indispensable life skill for all learners and is essential to being able to reason and solve problems mathematically. It is crucial that we instil a confidence and competence in pupils' maths skills that produces strong, secure learning. As a school, we recognise that the key to unlocking the potential in our children is through the development of basic mathematical skills and the understanding of mathematical concepts. As a result, we place great emphasis on the use of concrete resources and pictorial representations at all ages, to enable children to fully understand the concepts and principals, when presented with abstract calculations and questions.

Our maths curriculum is based around Power Maths and White Rose and allows children to problem solve, use manipulatives, and work collaboratively in every lesson. The colourful, vibrant investigations link with real life scenarios and enables children to understand the purpose of their learning. Using a variety of mathematical equipment, such as base ten, place value apparatus and abaci, our pupils will tackle a range of complex questions which show deeper understanding. As part of our mathematical approach to learning, we are also working alongside the maths hub in Halton. This is a range of schools in the area who wish to make maths mastery commonplace in their establishments through the use of lesson studies, sharing good practice and new initiatives.

