



# Pott Shrigley Church School

## Church of England Aided Primary



*Be kind and compassionate to one another, forgiving each other,  
just as in Christ, God forgave you”*  
Ephesians 4:32

In maths we aim to

- promote enjoyment and enthusiasm for learning through practical activity, exploration and discussion
- to instil confidence and competence with numbers and the number system
- foster the ability to recall and apply knowledge rapidly and accurately
- to develop fluency and the ability to solve problems across mathematical ideas through decision-making and reasoning in a range of contexts
- to explore features of shape and space, and develop measuring skills in a range of contexts
- to understand the importance of mathematics in everyday life
- ensure that maths is accessible to all
- to develop resilience in meeting challenge

We do this in the following ways:

We follow and adapt the National Curriculum to suit the needs of our vertically grouped classes. The whole class will study the same topic (for example place value) and branch out into their different levels of learning and ability for group and independent work. We use the White Rose Maths guidance to facilitate our planning to ensure coverage of all topics and the appropriate sequencing of mathematical concepts. We use support staff where possible to group the children in the best way for learning and progress.

We use maths mastery documents to inform our planning to work towards achieving a greater depth of understanding. We work with the children to make mathematical connections to other areas of our curriculum whenever possible. A variety of resources and tools are used in planning and delivery – school curriculum planning, *White Rose Maths Hub*, *Abacus* resources, *Maths No Problem* and ICT to enhance and support children’s learning.

Verbal reasoning is an important part of our work and we expect staff to be asking pupils and pupils to be asking each other:

*How do you know? Explain your method. Is this true or false? Prove it!*

Another important aspect is problem solving in real life contexts where we present children with problems and puzzles to solve using a variety of methods and resources. We sometimes use Kagan groupings to facilitate this.

Staff continually assess children through observation and marking and more formally using termly PUMA tests.

Our maths lead works with staff and other schools to continually evaluate our provision and plan for next steps.