

Mathematics at Warbstow

At Warbstow Academy, the teaching and learning of mathematics is a high priority as we recognise it as an essential skill for life. Our children are taught the three main areas of the National Curriculum:

- Fluency
- Reasoning
- Problem Solving

All through a mastery curriculum. In order to meet raised national expectations within the National Curriculum we ensure that all of our children develop a deep and sustainable understanding of mathematical concepts through a maths curriculum which promotes a rich understanding of mathematical concepts taught in small steps in a systematic way.

We strive to offer a Maths curriculum which is consistent, sustainable and progressive through continuously looking at ways in which we can enhance the teaching and learning of mathematics within our school. All teachers are passionate about the teaching of mathematics and strive to ensure context of mathematics is firmly embedded in the immersive learning experiences for all children.

For this academic year we are again targeting the implementation of maths mastery across the school as a main focus for development.

To aid this, we will be providing internal staff training on planning, GDS questioning, the effective use of our calculation policy document and develop reasoning skills/knowledge.

Examples of GDS question stems are:

Use of open ended questions:

How could you sort these.....?

How many ways can you find to ?

What happens when we ?

What can be made from....?

How many different can be found?

All GDS questions should provide opportunities for reasoning and problem solving and might involve the use of visual images for children to interpret. Sometimes children are given an answer and encouraged to write a question, and sometimes challenged to create a problem for a classmate.