



# Blundeston CEVC Primary School

## Intent Statement

### MATHEMATICS

#### **Intent**

Our vision is for our school to be ***"A place to flourish"***. This is based on **John 10:10** when Jesus said ***"I have come that they may have life, and have it to the full"***. This is what we want for everyone in our school community: to reach their potential, as God intended.

Our maths curriculum encourages children to develop their spirituality, to enjoy the wonders (wows), be challenged (ows), be reflective learners (nows) and flourish.

#### **The aims of Mathematics in our school are (as per the National Curriculum):**

- Children are encouraged to reason with mathematics by asking questions, seeking patterns and looking for explanations: understanding the why and how.
- Problem-solving is at the heart of our curriculum: giving the children the opportunity to apply their skills, seek answers to problems and explore their spiritual capacity though resilience when faced with mathematical challenges.
- Fluency is also encouraged as a way for pupils to work in a flexible manner and form links between their knowledge, the wider curriculum and world as well as using a wide range of resources.
- Our curriculum is aimed to develop confidence and efficiency with core maths skills.

#### **Implementation**

Our long-term diverse curriculum has been designed with our children at the heart and it is bespoke to our school. Our curriculum covers all areas of maths across each year group in a cyclical approach so that it builds upon previous learning, teaches new skills and enables children time to apply to different contexts - setting a foundation for future concepts. We use regular assessments to inform our teaching and aim to address areas of development or misconception.

Our maths curriculum promotes enjoyment, fascination (wows) and opportunities for reflection (nows) through planned sequences of work, allowing all pupils to have mathematical experiences, time to apply in solving problems (ows), explore and reflect as well as flourish.

We have a range of maths resources throughout the school and will use them in our teaching and learning and also encourage children to self-select their own resources during independent working (nows). We plan and deliver maths lessons using a variety of images and models to help learn new concepts and to show fluency and explicitly teach how to be fluent. We model and encourage the use of 'maths talk' and promote key language. We encourage children to ask questions about maths and describe what they notice. For example: the beauty of patterns is explored within shape work looking at reflections within the natural world (e.g. butterflies, tiger stripes etc.)

Our curriculum is designed so that pupils' mathematical experiences and understanding impacts on their everyday work and helps to shape their future lives. For example, the skills of analysing data (asking and answering questions as well as looking for patterns and anomalies) are taught through statistics and other areas of the curriculum such as science and D&T, to enable pupils to make sense of the vast amounts of data available in the modern world around them.

Our maths curriculum promotes resilience and supports children to develop their problem-solving, reasoning and fluency skills, persevering when dealing with difficult and challenging concepts and problems (ows).

#### **Impact**

- Our children will be able to ask questions, spot patterns and reason about their mathematics.
- Our children will be able to solve mathematical problems, applying their skills while exploring their spiritual capacity though resilience when faced with such challenges.
- Our children will be fluent, working in a flexible manner (using a wide range of resources) while forming links between their knowledge, the wider curriculum and world.
- Our children will be confident and efficient mathematicians.