

## Maths at Langham Village School

At Langham Village School our aim is for children to leave as confident, skilled and resilient mathematicians who understand that maths is a fundamental part of everyday life.

Mathematics is integral to all aspects of life and with this in mind we endeavour to ensure all children develop a healthy and enthusiastic attitude and deep understanding that will stay for life. Our Children will thrive on conquering challenges and puzzles that mathematics can bring and not be afraid to make mistakes.



*‘Failures teach you everything. Making mistakes is the most important thing you can do’ (James Dyson)*

### **We intend to:**

- Ensure our children have access to a high quality maths curriculum that is both challenging and enjoyable.
- Provide our children with a variety of mathematical opportunities, which will enable them to make the connections in learning needed to enjoy greater depth in learning.
- Ensure children are confident mathematicians who are not afraid to take risks.
- Fully develop independent learners with inquisitive minds who have secure mathematical foundations and an interest in self-improvement.

The National Curriculum for mathematics aims to ensure that all pupils:

- Become **fluent** in their fundamentals, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- **Reason mathematically** by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language.
- Can **solve problems** by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down into a series of simpler steps and persevering in seeking solutions.

To support the teaching and learning of the National Curriculum, we use **White Rose Resources**.  
Click here to view the Progression Document:

<https://whiterosemaths.com/wp-content/uploads/2019/11/National-Curriculum-Progression-Mixed-Age.pdf>