

## Maths Curriculum

### Intent

At Lydlynch Infant school, we aim to give children a **Journey of Opportunities** that develop a love of learning based upon **independence**, **creativity**, **resilience** and being a **team player**. We strive for achievement for all our pupils and believe that all pupils should develop a passion for maths and understand its importance in everyday life. We want pupils to be confident in their use of maths; be able to identify where the maths is in the problems they are faced with, to prepare them for use in the real world and to ensure that they are ready for the next stage of their mathematics education. Pupils should have a secure knowledge of mathematical facts and be able to recall them rapidly. Ensuring that pupils retain a knowledge of number, other mathematical facts, or the processes of calculation, will mean they are not a barrier to use in wider mathematics.

### Implementation

The teaching of maths across the school follows the National Curriculum and the Early Years Foundation Stage, through Hamilton Trust scheme. For all children, maths teaching is supported by a concrete, pictorial, abstract approach.



This allows for secure retention of key mathematical concepts. Manipulative resources are available until a pupil is confident working with abstract concepts, but they may be returned to at any time. Retrieval practice is built into teaching practice to ensure that knowledge taught is retained. This can be seen through problem solving and reasoning tasks. In EYFS, maths is taught through a combination of child initiated and adult led tasks and where possible will link in with the 'Big Question' covered at that time. In KS1, mathematics is taught daily and is whole class based, supported by appropriate differentiation. Teachers and Teaching Assistants support the children within the class with guided work as well as children working independently to secure learning. A clear progression is followed across the year allowing for children to revisit skills a number of times whilst building on prior knowledge.

### Impact

When children leave our school, their learning and experiences in maths will have enabled them to become more confident and independent at solving problems, reasoning, and using technical vocabulary. Within this, they will demonstrate resilience, and creativity with the ways they choose to answer questions and solve problems. Pupils will leave with a good understanding of the different concepts covered within the curriculum which will enable them to develop these strategies as they move into KS2.