

## The New Maths Curriculum.



### **Shepherd Primary School Vision and Aims:**

Shepherd Primary School aims for all pupils to engage in varied and frequent practice in the fundamentals of mathematics to enable them to develop their conceptual understanding. They will be able to solve problems of increasing complexity and reason using mathematical language.

Good learning takes place when pupils are given opportunities to solve problems by developing their understanding and making links between different areas of mathematics and applying skills.

Good teaching enables good learning to take place. It involves creating an appropriate, supportive environment where pupils can respond to high levels of expectation and challenge and develop their independence.

The aims of mathematics are:

- to promote enjoyment and enthusiasm for learning through relevant and challenging activities;
- to promote confidence and fluency with numbers and the number system;
- to move fluently between different representations of mathematical ideas;
- to develop the ability to solve problems through decision-making and reasoning in a range of contexts;
- to develop a practical understanding of the ways in which information is gathered and presented;
- to explore geometry, and develop measuring skills in a range of contexts;
- to understand the importance of mathematics in everyday life.

As a result of good teaching and learning our pupils are encouraged to develop into individuals who are mathematically confident enabling them to reach their potential.