## <u>"The Wheeler Way"</u> Approach to Teaching Maths

**Our Intent:** Maths lessons at Wheeler should inspire children to confidently calculate, reason and problem solve whilst seeing relationships and making connections between concepts. Children should be inquisitive and see the application to real-life.



- Pupils will use formal methods for short multiplication and division;
- Pupils in Year 3 will work within whole numbers, whilst pupils in Year 4 will move onto decimals (up to 2dp);
- Pupils will calculate with fractions (add and subtract with the same denominator);
- Pupils will work with numbers up to 1,000;

LKS2

**UKS2** 

- Pupils will begin to recognise Roman numerals up to 100;
- Pupils will solve 1 and 2 step problems using all four operations;
- Pupils will be expected to provide written responses in Maths books for reasoning and justification of their answers;
- Children to recognise errors in their work and the work of others (error analysis).
- Pupils will use formal methods for addition and subtraction; and short and long multiplication and division;
- Pupils will calculate with whole numbers, decimals, fractions and percentages;
- Pupils will express remainders, in division, as whole numbers (rounded according to the context), fractions and decimals;
- Pupils will solve multi-step problems (beyond 2 steps);
  - Pupils will be expected to provide written responses in Maths books to reason, justify and explain mathematical thinking;
  - Children to recognise errors in their work and the work of others (error analysis).