



## Maths Rationale

Woodfield Community Primary School follow the White Rose Maths scheme of work. All Long Term Planning, Medium Planning and Short Term Planning are on the White Rose Maths website. For more information please visit the White Rose Maths website <https://whiterosemaths.com>

### Intent

Our Maths curriculum is ambitious and accessible for all pupils.

- Pupils will be curious and ask questions about maths and number.
- Pupils will seek challenge and have the skills to reason and problem solve.
- Pupils will secure number fluency and having secure knowledge across a range of key mathematical concepts will prepare them well for mathematics at Key Stage 3 and beyond.
- Pupils will use mathematical language and have the ability to explain reasoning when discussing mathematical problems.
- Pupils will demonstrate a knowledge and understanding of the RESPECT values within Maths.

### Implementation

- Mathematical knowledge points are covered.
- Use a range of equipment to develop knowledge and understanding.
- Concrete – Pictorial – Abstract teaching methods will be used to develop and deepen mathematical understanding.
- Working walls to support knowledge, vocabulary and learning for all pupils.
- Prior mathematical knowledge will be revisited each lesson.
- Explicit teaching of vocabulary.
- Pupils will be expected to use mathematical knowledge to reason and problems solve.
- Pre-learning and post-learning tasks.
- Opportunities for collaborative learning.

### Assessment:

Pupils are required to recall and remember mathematical knowledge and skills that they have learnt across a unit of work. Assessment will be built into each unit of work so that pupils are knowing more, learning more and remembering more.

Assessments that will take place are:

Prior knowledge assessment

- Pre and post assessments.
- Starters referring to prior knowledge