

Maths Curriculum Statement – Plan, Do and review cycle

The content and principles underpinning the Mathematics curriculum at Ewanrigg Junior School are based on the 2014 National Curriculum.

We plan that all children will:

- Become fluent in the fundamentals of mathematics.
- Develop conceptual understanding and the ability to recall and apply knowledge rapidly.
- Build up knowledge and understanding as they progress through the school.
- Are able to reason mathematically.
- Can solve problems by applying their mathematics to a range of increasingly complex problems.
- Be resilient and confident in their learning.

Do:

- We use the DFE approved, White Rose Maths Schemes of work, starting from Year 3. This is a whole school primary maths curriculum that creates continuity and progression in the teaching of mathematics. This is supplemented and adapted by the use of NCETM, NRICH and other high-quality research based resources,
- Daily maths lessons include fluency, reasoning and problem solving.
- We use a mastery approach, adapting tasks and support to ensure that all children are sufficiently challenged.
- Concrete manipulatives and pictorial representations are used to support conceptual understanding and to make links across topics.
- Big Maths is used from Year 3 to develop rapid recall and to identify individual children's learning gaps.
- Children are assessed on a regular basis to ensure any learning gaps are identified and targeted.

Review

- Most children reach end of year expectations.
- All children make expected or better progress from their starting points
- Well planned sequences of learning support children to develop and refine their maths skills.
- Children are able to independently apply their knowledge to a range of increasingly complex problems.
- Children are increasingly able to describe their mathematical learning and can reason with increased confidence and accuracy.