

## Aims and ambitions

Here at Ewanrigg we want to provide opportunities for all children to have:

- the skills required be a mathematician and prepare them for their future.
- We want to develop children who are confident with number, shape and measure.
- To create well rounded mathematicians.
- For all children to have a solid foundation of mental maths skills, multiplication tables and formal written methods.
- To inspire children to be curious, take risks and develop resilience when tackling mathematical problems, through growth-mindset.
- To broaden children's mathematical vocabulary
- We want our mathematicians to have fun; to make their learning memorable through enjoyable, successful and engaging activities.

## Knowledge

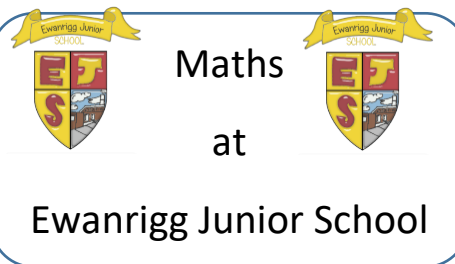
Children will be taught the knowledge required within the national curriculum including:

- mental maths calculations, written methods for the four operations, fractions, decimals & percentages, shape and space, place value, algebra, measures, statistics,
- problem solving: logic, word problems, finding all possibilities etc

## Planning and Teaching structure (Learning journey)

Maths is taught in adaptive learning groups.

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. We also use BIG Maths.



## Skills

All the key knowledge is planned carefully and progressively using the White Rose Maths plans and Big Maths plans to ensure coverage and skill progression.

Weekly CLIC or SAFE assessments identify next steps to inform planning.

Children also follow IDL numeracy and or TT Rockstars which are individual, adaptive, multi-sensory interactive maths programs.

## Adaptive Teaching

The teaching of maths is adapted by responding to the needs of the children.

Children will be given carefully selected manipulatives and resources to help them see the maths.. They will be given a variety of options for recording their maths, eg. Using technology to take photographs, voice recordings, written methods and videos, discussions with teachers and clever friends They will be given responsive on the spot feedback.

## Assessment

New PUMA assessment will be taken by years 3 to 5 in  
September/December/March/June

Year 6 will complete previous SAT's assessments in December and March

All Year 3 and 4 and Y 5 and 6 (identified as at risk on screener) to complete IDL Numeracy assessment 4x per year.

Fortnightly BIG Maths CLIC or SAFE for all except SEND on bespoke curriculum.

Year 4 complete the MTC in the Summer Term and Year 6 complete their SATs in May