



Welburn Community Primary School Maths Curriculum

Our intent for maths at Welburn Primary School is to develop children who:

- understand the world, recognizing that maths is essential to everyday life and critical to science, technology and engineering
- become fluent in the fundamental of mathematics, through varied and frequent practice, so that pupils have conceptual understanding
- learn, recall and apply knowledge rapidly and accurately to problems including breaking them down into simpler steps
- have a sense of enjoyment and wonder about mathematical problems
- explore and reason mathematically by following a line of enquiry
- have a good sense of place value in number
- develop their spatial awareness through practical activities
- have opportunities to explore shape, space and measure practically before solving written problems

To implement this we will:

- plan lessons using the National Curriculum
- use resources like NRich and White Rose to enhance our planning
- teach mental strategies systematically from Reception onwards
- give pupils regular opportunities to develop mental skills
- use concrete apparatus
- use pictorial representations including bar rod models
- share written methods with the children and encourage them to think about the mental strategies that underpin them
- teach appropriate written methods according to our calculation policy
- use standard symbols and conventions
- teach children to apply their mathematics to a range of diverse everyday problems
- interleave learning to promote better recall
- ensure our teaching is inclusive by teaching for mastery through-out school
- ensure Reception work towards the EYFS early learning goals