



Weetwood Primary School Calculation Policy: Overview & Aims

This policy is intended to work in partnership with the Maths policy and to ensure progression in the methods and strategies used for calculation.

Overview:

This document outlines the calculation policy for Weetwood Primary School. This has been devised to meet the requirements of the National Curriculum 2014 and ensure a consistent approach to the teaching and learning of mathematical calculations. The policy places specific focus on pupils' ability to:

- become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately
- reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing argument, justification or proof using mathematical language
- solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions

Aims

This calculation policy aims to ensure that all pupils:

- understand important concepts and make connections within mathematics
- show high levels of fluency in performing written and mental calculations
- are taught a range of consistent calculations strategies which prepares them for the next stage of learning
- are able to add, subtract, multiply and divide effectively using a range of strategies (including mental strategies)
- are competent in fluency, reasoning and problem solving
- are able to explore and choose concrete, pictorial or abstract ways of working