

Long Term Plan



*All skills taught during the calculation units at the beginning of the year are then embedded throughout the other areas of Maths.

End of year expectations

Number

12



- The pupil can partition two-digit numbers into different combinations of tens and ones, explaining their method verbally, in pictures or using apparatus.
- The pupil can add and subtract any two-digit numbers using an efficient strategy, explaining their method verbally, in pictures or using apparatus.
- The pupil can recall all number bonds to and within 10 and use these to reason with. Calculate bonds to and within 20, recognising other associated additive relationships.
- The pupil can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables to solve simple problems, demonstrating an understanding of commutativity as necessary.
- The pupil can identify 1/3, 1/4, 1/2, 2/4, 3/4 and knows that all parts must be equal parts of the whole.



End of year expectations

Shape, space and measures



- The pupil can use different coins to make the same amount (e.g. pupil uses coins to make 50p in different ways; pupil can work out how many £2 coins are needed to exchange for a £20 note).
- The pupil can read scales in divisions of ones, twos, fives and tens in a practical situation where all numbers on the scale are given (e.g. pupil reads the temperature on a thermometer or measures capacities using a measuring jug).
- The pupil can read the time on the clock to the nearest 15 minutes.
- The pupil can describe properties of 2-D and 3-D shapes (e.g. the pupil describes a triangle: it has 3 sides, 3 vertices and 1 line of symmetry; the pupil describes a pyramid: it has 8 edges, 5 faces, 4 of which are triangles and one is a square).





The Key Three

 Fluency – number facts and quick calculation. (Calculation policy available online)

 Reasoning – being able to explain working and show good conceptual understanding.

 Problem Solving – applying mathematical skills and knowledge to unfamiliar situations.

