



End of year expectations for Year 2 Maths

The National curriculum expects by the end of year 2, children can:

Using and Applying Maths	Solve problems involving addition, subtraction, multiplication or division in contexts of numbers, measures or pounds and pence
	Identify and record the information or calculation needed to solve a puzzle or problem; carry out the steps or calculations and check the solution in the context of the problem
	Follow a line of enquiry; answer questions by choosing and using suitable equipment and selecting, organising and presenting information in lists, tables and simple diagrams
	Describe patterns and relationships involving numbers or shapes, make predictions and test these with examples
	Present solutions to puzzles and problems in an organised way; explain decisions, methods and results in pictorial, spoken or written form, using mathematical language and number sentences

Counting and understanding number	Read and write two-digit and three-digit numbers in figures and words; describe and extend number sequences and recognise odd and even numbers
	Count up to 100 objects by grouping them and counting in tens, fives or twos; explain what each digit in a two-digit number represents, including numbers where 0 is a place holder; partition two-digit numbers in different ways, including into multiples of 10 and 1
	Order two-digit numbers and position them on a number line; use the greater than (>) and less than (<) signs
	Estimate a number of objects; round two-digit numbers to the nearest 10
	Find one half, one quarter and three quarters of shapes and sets of objects

Knowing and using number facts	Derive and recall all addition and subtraction facts for each number to at least 10, all pairs with totals to 20 and all pairs of multiples of 10 with totals up to 100
	Understand that halving is the inverse of doubling and derive and recall doubles of all numbers to 20, and the corresponding halves
	Derive and recall multiplication facts for the 2, 5 and 10 times-tables and the related division facts; recognise multiples of 2, 5 and 10
	Use knowledge of number facts and operations to estimate and check answers to calculations

	Recognise and use whole, half and quarter turns, both clockwise and anticlockwise; know that a right angle represents a quarter turn
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Measuring	Estimate, compare and measure lengths, weights and capacities, choosing and using standard units (m, cm, kg, litre) and suitable measuring instruments
	Read the numbered divisions on a scale, and interpret the divisions between them (e.g. on a scale from 0 to 25 with intervals of 1 shown but only the divisions 0, 5, 10, 15 and 20 numbered); use a ruler to draw and measure lines to the nearest centimetre
	Use units of time (seconds, minutes, hours, days) and know the relationships between them; read the time to the quarter hour; identify time intervals, including those that cross the hour
Handling Data	Answer a question by collecting and recording data in lists and tables; represent the data as block graphs or pictograms to show results; use ICT to organise and present data
	Use lists, tables and diagrams to sort objects; explain choices using appropriate language, including 'not'