

Strands	Elements	These are the skills Year Two children are aiming to be able to do
Developing numerical reasoning	Identify processes and connections	• Transfer mathematical skills to play and classroom activities • Identify steps to complete the task or reach a solution • Select appropriate mathematics and techniques to use • Select and use relevant number facts and mental strategies • Select appropriate equipment and resources • Use knowledge and practical experiences to inform estimations
	Represent and communicate	• Use everyday and mathematical language to talk about their own ideas and choices • Present work orally, pictorially and in written form, and use a variety of ways to represent collected data, refine informal methods of recording written • Devise and refine informal, personal methods of recording, moving to using words and symbols in number sentences
	Review	• Use checking strategies to decide if answers are reasonable • Interpret answers within the context of the problem and consider whether they are sensible • Interpret information presented in charts and diagrams and draw appropriate
Number skills	Use number facts and relationships	• Count sets of object by grouping in 2s, 5s or 10s • Read and write numbers to 100 • Compare and order 2-digit numbers • Use mental recall of number facts to 10 to derive other facts, i.e. -doubling and halving e.g. derive $40+40$ from knowing $4+4$ -bonds of 10, e.g. derive $60+40$ from knowing $6+4$ • Recall and use 2, 5, 10 multiplication tables
	Fractions, decimals, percentages and ratio	• Find halves and quarters in practical situations
	Calculate using mental and written methods	• Find small differences within 20 by using 'counting on' strategies • Use mental recall of number facts to 10 and place value to add or subtract larger numbers e.g. $24 + 4$ $30 + 5$, $34+5$, $34 +10$

	Estimate and check	• Use checking strategies: -repeat addition in different order -use halving and doubling within 20
	Manage money	• Use different combinations of money to pay for items up to £1 • Find totals and give change for multiples of 10p
Using measuring skills	Length, weight/mass, capacity	• Use standard units to measure: -length, height and distance: metres, half metres or centimetres - weight/mass: kilograms or 10 gram weights -capacity: litres
	Time	• Read 'half past', 'quarter past' and 'quarter to' on an analogue clock • Read hours and minutes on a 12-hour digital clock
	Temperature	• Compare daily temperatures using a thermometer (°C)
	Area and volume Angle and position	• Recognise half and quarter turns, clockwise and anti-clockwise • Recognise that a quarter turn is a right angle
Using data skills	Collect and record data Present and analyse data Interpret results	• Gather and collect data from: -lists and tables -diagrams -block graphs -pictograms where symbols represent one unit • Extract and interpret information from lists, tables, diagrams and graphs