

Strands	Elements	These are the skills Year One 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 reliably up to 20 objects • Read and write numbers to at least 20 • Compare and order numbers to at least 20 • Use number facts within 10, i.e. -doubling and halving e.g. $4+4$ -bonds of 10, e.g. $6+4$
	Fractions, decimals, percentages and ratio	• Find halves in practical situations
	Calculate using mental and written methods	• Add and subtract numbers involving up to 10 objects • Use 'counting on' strategies to add 2 collections, starting with the larger number, e.g. $8 + 5$.

	Estimate and check	• Make a sensible estimate of a number of objects that can be checked by counting.
	Manage money	• Use different combinations of money to pay for items up to 20p • Find totals and give change from 10p.
Using measuring skills	Length, weight/mass, capacity	• Use non-standard units to measure: -length, height and distance, - weight/mass -capacity
	Time	• Use standard units of time to read 'o'clock' using both analogue and 12-hour digital clocks • Use the concept of time in terms of their daily and weekly activities and the seasons of the year
	Temperature	• Use descriptive words for a range of temperatures, e.g. cooler/warmer
	Area and volume Angle and position	• Make whole turns and half turns
Using data skills	Collect and record data Present and analyse data Interpret results	• Sort and classify objects using more than one criterion • Collect information by voting or sorting and represent it in pictures, objects or drawings • Make lists and tables based on data collected