

Strands	Elements	These are the skills Year Reception 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 10 objects • Read and write numbers to at least 10 • Compare and order numbers to at least 10
	Fractions, decimals, percentages and ratio	
	Calculate using mental and written methods	• Combine two groups of objects to find 'how many altogether?' • Take away objects to find 'how many are left?'
	Estimate and check	
	Manage money	• Use 1p, 2p, 5p and 10p coins to pay for items.

Using measuring skills	Length, weight/mass, capacity	• Use direct comparisons with: -length, height and distance, e.g. longer/shorter than - weight/mass e.g. heavier/lighter than -capacity e.g. holds more than/less than
	Time	• Demonstrate a developing sense of how long tasks and everyday events take • Use the concept of time in terms of their daily activities
	Temperature	• Use direct comparisons when describing temperature, e.g. hot/cold
	Area and volume Angle and position	• Move in given directions
Using data skills	Collect and record data Present and analyse data Interpret results	• Sort and classify objects using one criterion • Record collections using marks, numbers or pictures