Year 1 Maths Overview

The principles of Fluency, Problem Solving and Reasoning will be threaded throughout each unit.

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	**Place Value (to 10)** Previous – Recognise and order numbers to 20. Count 20 objects. One more/less than a number to 20 using a number line. • Sort objects • Count objects • Use different representations • Read and write • Count forwards and backwards • One more/one less • Compare groups • Introduce symbols for comparison • Compare numbers • Order objects • Order numbers • Ordinal numbers			**Addition (to 10)** Previous – Introduce the language of addition. Adding two single digit numbers practically using objects. Number bonds to 5. • Part/whole model • Addition symbol • Commutativity • Bonds within 10 • Bonds to 10 • Add together objects • Add together number line • Finding a part/inverse		**Subtraction (to 10)** Previous – Introduce the language of addition. Adding two single digit numbers practically using objects. Adding two single digit numbers using a number line to count on. • Taking away/how many left? • Subtraction symbol • Finding a part/bonds • Fact families • Counting back on a number line • Find the difference		**Shape** Previous – Name and describe basic 2D and 3D shapes. Make pictures using 2D shapes. Using 3D shapes to build. • Recognise and name 3D shapes • Sort 3D shapes • Recognise and name 2D shapes • Sort 2D shapes • Make patterns with 2D and 3D shapes	**Place Value (to 20)** Previous – Recognise and order numbers to 20. Count 20 objects. One more/less than a number to 20 using a number line. • Count forwards and backwards to 20 • Read and write 11 – 20 • One more/one less • Tens and ones • Compare objects • Compare numbers • Order objects • Order numbers		Mop up	Assessment	Mop up	Problem Solving
Spring	**Addition & Subtraction (to 20)** Previous – Adding/subtracting two single digit numbers using a number line to count on. Solving problems involving addition and subtraction. • Count on (using equipment and number line) • Number bonds to 20 (use bonds to 10) • Add to make 10 • Subtract (no boundaries) • Subtract across boundary • Fact families • Compare calculations • Word problems throughout.			**Length & Height** Previous – Order two/three items by length/height. Use the language of length – long/er/est, short/er/est, small/er/est, tall/er/est. • Compare objects • Order objects • Measure length (non-standard) • Measure height (non-standard) • Measure length (standard) • Measure height (standard)		**Place Value (to 50)** Previous – Finding and counting pairs. Recite counting in 2s and 5s (GD). • Count forwards and backwards to 50 • Tens and ones • Represent in different ways • Read and write 21 – 50 • One more/one less • Compare objects • Compare numbers • Order numbers • Count in 2s • Count in 5s			**Weight & Volume** Previous – Order two/three items by weight/ capacity. Use the language of weight – heavy/ier/est, light/er/est. Use language of capacity – full, empty, half full/empty, nearly full/empty. • Introduce terms weight and mass • Compare objects (heavier/lighter) • Measure mass in non-standard units • Compare mass measurements • Introduce capacity/volume • Compare (more/less) • Measure capacity (non-standard) • Compare capacity measurements		Assessment	Mop up		
Summer	**Multiplication & Division** Previous – Doubles to 10 Solving problems that involve doubling, halving and sharing. Finding and counting pairs. Recite counting in 2s, 5s and 10s (GD). • Recap counting in 2s and 5s • Count in 10s • Understanding equal + make groups • Add equal groups • Use arrays to represent • Doubling • Make equal groups from a total • Share amounts equally			**Fractions** Previous – Halving shapes and amount. Halves to 10. • Understand 'half' (link to doubling) • Half of objects/shapes/measures • Half of amounts • Understand quarter (link to half) • Quarter of objects/shapes/measures • Quarter of amounts		**Money** Previous – Recognising coins Using the language of money. Coin rubbing. • Recognising coins. • Ordering coins • Recognising notes • Ordering notes • Counting in coins (2s,5s,10s) • Comparing amounts from counting	**Place value (to 100)** • Count forwards and backwards to 100 • Hundreds, Tens and ones • Represent in different ways • Read and write 51 – 100 • One more/one less • Compare numbers • Order numbers		**Time** Previous – Order our morning routine. Use the language of time. Days of the week song. Months of the year song. Recognise a clock and make o'clock times. Record time in different ways. • Order events (before/after) • Days/Months • Yesterday/tomorrow • Read and recognise o'clock • Read and recognise half past • Writing time durations (seconds, minutes, hours) • Comparing time durations		**Position and Movement** Previous – Use positional language to describe an object – in, on/on top, under/below, next to, in front, behind, between. • Describe turns (whole, half , quarter, three-quarter) • Recognise positional words (left, right, forwards backwards) • Describe position in relation to others (in front, in between, etc)	Assessment	Mop up	Mop up