LONG TERM PLAN

National Curriculum Domain	Suggested timings	Learning sequence number and title	Number of small steps (excluding optional steps)
Autumn			
Number Addition and subtraction	Week 1 – 5 **5 weeks** 23 steps	4LS1 – Place value: order and compare numbers beyond 1,000	4
		4LS2 – Rounding, estimation and magnitude	4
		4LS3 – Securing addition and subtraction mental fluency	7
		4LS4 – Securing formal written addition and subtraction fluency	8
Multiplication and division	Week 6 – 10 **5 weeks** 24 steps	4LS5 – Counting in multiples of 6, 7, 9, 25 and 1,000	2
		4LS6 – Multiplication and division facts: times tables	6
		4LS7 – Factor pairs, integer scaling and correspondence problems	5
		4LS8 – Problem solving including measures to apply place value, mental strategies and arithmetic laws	6
		4LS9 – Multiply and divide a one or two-digit number by 10 and 100	5
Measurement and statistics	Week 11 – 13 **3 weeks** 13 steps	4LS10 – Measure: conversion of units	5
		4LS11 – Measure: compare, estimate, and calculate (step 2: optional step)	5
		4LS12 – Discrete and continuous data (time graphs), including application of scales and division	3
Assessment to inform spring term planning	**2 days**	**Diagnostic assessment paper 1: arithmetic** **Diagnostic assessment paper 2: reasoning**	
Spring			
Geometry and measurement	Week 1 – 2 **2 weeks** 11 steps	4LS13 – Perimeter (step 4: optional step)	3
		4LS14 – Properties of shape	4
		4LS15 – Symmetry (amalgamate step 1 and 2)	4
Decimals and measurement	Week 3 – 6 **4 weeks** 18 steps	4LS16 – Decimal numbers	7
		4LS17 – Calculating with decimals	6
		4LS18 – Measure: money	2
		4LS19 – Problem solving involving decimals to two decimal places	3
Fractions	Week 7 – 9 **3 weeks** 16 steps	4LS20 – Add and subtract fractions with the same denominator	4
		4LS21 – Finding fractions of quantities	5
		4LS22 – Fractions in the context of measure	3
		4LS23 – Equivalent fractions, ordering and comparing	4
Multiplication	Week 10 – 11 **2 weeks** 6 steps	4LS24 – Multiply two and three-digit numbers by a one-digit number using a formal written layout	6
Assessment to inform summer term planning	**2 days**	**Diagnostic assessment paper 1: arithmetic** **Diagnostic assessment paper 2: reasoning**	
Summer			
Division	Week 1 – 2 **2 weeks** 5 steps	4LS25 – Divide two and three-digit numbers by a one-digit number using a formal written layout	5
Measurement	Week 3 **1 week** 5 steps	4LS26 – Time: read, write, calculate, and convert time on analogue and digital 12- and 24-hour clocks	5
Statistics	Week 4 **1 week** 4 steps	4LS27 – Statistics: interpret and present continuous and discrete data, solve problems incorporating measures	4
Number	Week 5 **1 week** 5 steps	4LS28 – Roman Numerals to 100 and zero	3
		4LS29 – Negative numbers: counting through zero and calculating in context (step 3: optional step)	2
Geometry	Week 6 – 7 **2 weeks** 10 steps	4LS30 – Geometry: angles	3
		4LS31 – Geometry: Properties of triangles	3
		4LS32 – Geometry: Coordinates in the first quadrant and translations	2
		4LS33 – Geometry: Position and direction, incorporating angles and plotting points of a shape	2
Multiplication and division	Week 8 – 10 **3 weeks** 10 steps	4LS34 – Multiplication and division review	6
		4LS35 – Area	4
Fractions	Week 11 **1 week** 3 steps	4LS36 – Fractions review	3
Problem solving	Week 12 **1 week** 4 steps	4LS37 – Application and problem solving: developing operation sense	4
Assessment to inform transition / autumn term planning	**2 days**	**Diagnostic assessment paper 1: arithmetic** **Diagnostic assessment paper 2: reasoning**	