LONG TERM PLAN

National Curriculum Domain	Suggested timings	Learning sequence number and title	Number of small steps (excluding optional steps)
		Autumn	
Number and place value	Week 1 – 2 **2 weeks** 9 steps	3&4_LS1 – Number and place value reasoning 1	9
Addition and subtraction	Week 3 – 7 **5 weeks** 15 steps	3&4_LS2 – Additive reasoning 1: mental addition 3&4_LS3 – Additive reasoning 2: mental subtraction	8 7
Multiplication, division, and fractions	Week 8 – 12 **5 weeks** 25 steps	3&4_LS4 – Multiplicative reasoning 1: building fact recall 3&4_LS5 – Proportional reasoning 1: scaling, comparison, and fractions (step 12: optional step)	11 14
Geometry	Week 13 **1 week** 6 steps	3&4_LS6 – Geometric reasoning 1: angles and lines	6
Assessment to inform spring term planning	**2 days**	**Paper 1 – arithmetic** **Paper 2 – reasoning**	
		Spring	
Fractions	Week 1 **1 week** 4 steps	3&4_LS7 – Proportional reasoning 2: adding and subtracting fractions	4
Geometry	Week 2 **1 week** 5 steps	3&4_LS8 – Geometric reasoning 2: properties of 2-D shapes	5
Addition and subtraction	Week 3 – 5 **3 weeks** 12 steps	3&4_LS9 – Additive reasoning 3: formal written addition and subtraction	12
Measurement	Week 6 **1 week** 5 steps	3&4_LS10 – Spatial reasoning (step 6: optional step)	5
Multiplication and division	Week 7 - 11 **5 weeks** 21 steps	3&4_LS11 – Statistical reasoning 1: scaling 3&4_LS12 – Multiplicative reasoning 2: multiplicative laws and area 3&4_LS13 – Multiplicative reasoning 3: formal written multiplication and division	5 5 11
Assessment to inform summer term planning	**2 days**	**Paper 1 – arithmetic** **Paper 2 – reasoning**	
		Summer	
Number and place value and fractions (including decimals)	Weeks 1 - 3 **3 weeks** 11 steps	3&4_LS14 – Number and place value reasoning 2: decimals	11
Measurement and statistics	Weeks 4 - 6 **3 weeks** 16 steps	3&4_LS15 – Measurement reasoning 1: comparing, estimating and calculating with measures (step 7: optional step) 3&4_LS16 – Measure and statistical reasoning 2: time, timetables and time graphs	6 10
All four operations including fractions	Week 7 - 10 **4 weeks** 19 steps	3&4_LS17 – Operational reasoning: understanding and applying the four operations 3&4_LS18 – Proportional reasoning 3: finding fractions of continuous quantities	13 6
Rolling topics Teach a set of sequences to Year 3 and Year 4 together on a two-year rolling basis	Week 11 - 12 **2 weeks** First rotation: 9 steps Or Second rotation: 9 steps	3&4_LS19 – Rolling topics *First year rotation* 4LS28 – Roman numerals 3LS39 – 3-D shape: building and identifying properties 4LS32 – Geometry: coordinates in the first quadrant and translations *Second year rotation* 4LS15 – Symmetry 4LS29 – Negative numbers: counting through zero and calculating in context 4LS33 – Geometry: position and direction incorporating points of a shape	3 4 2 4 3 2
Assessment to inform transition / autumn term planning	**2 days**	**Diagnostic assessment paper 1: arithmetic** **Diagnostic assessment paper 2: reasoning**	