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** 8 steps	6LS1 – Place value 6LS2 – Multiply and divide by 10, 100 and 1,000	6 2
Addition, subtraction, multiplication, and division	Week 3 – 4 **2 weeks** 7 steps	6LS3 – Choosing effective mental calculation strategies 6LS4 – Problem solving with four operations	3 4
Multiplication, division, and measurement	Weeks 5-7 **3 weeks** 15 steps	6LS5 – Application of factors, multiples and primes (amalgamate step 1 and 2) + (step 4: optional step) 6LS6 – Formal written method of multiplication (steps 1-3: for use as revision as needed) 6LS7 – Area of parallelograms and triangles 6LS8 – Formal written method of short division	2 4 5 4
Fractions (including decimals and percentages)	Week 8-11 **4 weeks** 18 steps	6LS9 – Equivalent fractions 6LS10 – Comparing and ordering fractions 6LS11 – Adding and subtracting fractions 6LS12 – Fraction and decimal equivalents 6LS13 – Fractions, decimals, and percentages 6LS14 – Calculating percentages	4 6 2 2 2 2
Geometry	Week 12 -13 **2 weeks** 7 steps	6LS15 – Properties of shape	7
Assessment to inform planning	**3 days**	**Time for practice SATs papers during the autumn term (any time in autumn term)**	
Spring			
Algebra	Week 1 **1 week** 6 steps	6LS16 – Order of operations and algebra (amalgamate step 1 and 2; step 3 and 4; step 5 and 6)	6
Multiplication, division, and measurement	Week 2 – 3 **2 weeks** 9 steps	6LS17 – Formal written method for long division 6LS18 – Exploring relationships between perimeter and area	5 4
Geometry	Week 4 **1 week** 6 steps	6LS19 – Recognise and find angles (amalgamate step 1 and 2) 6LS20 – Reflection and translation (amalgamate step 1 and 2)	2 4
Fractions (including decimals and percentages)	Week 5 – 6 **2 weeks** 9 steps	6LS21 – Multiplying fractions (amalgamate step 1 and 2) 6LS22 – Dividing fractions	3 5
Fractions (including decimals and percentages)		*6LS23 – Fractions, decimals and percentages problem-solving* *(optional learning sequence – further rehearsal of previously taught content)*	2
Ratio and proportion	Week 7 – 8 **2 weeks** 7 steps	6LS24 – Ratio and proportion	7
Measurement	Week 9 **1 week** 6 steps	6LS25 – Volume 6LS26 – Measures	3 3
Statistics	Week 10 **1 week** 5 steps	6LS27 – Statistics: line graphs and pie charts	5
Diagnostic assessment to inform planning	**3 days**	**Diagnostic assessment paper 1: arithmetic (any time in spring term)** **Diagnostic assessment paper 2: reasoning (any time in spring term)**	
Summer			
Algebra and statistics	Week 1 **1 week** 5 steps	6LS28 – Algebra and sequences 6LS29 – Statistics: calculate and interpret mean average	3 2
Review	Week 2 – 3 **2 weeks** 6 steps	6LS30 – Application of previous years' learning 6LS31 – Application of known facts and calculation strategies (use learning sequence at any point in the year to consolidate)	3 3
		Any remaining time before SATs should be used to consolidate key learning.	
Post SATs	**8 / 9 weeks** 20 steps	6LS32 – Constructing pie charts 6LS33 – Statistical representations 6LS34 – Further algebra 6LS35 – Financial maths and enterprise 6LS36 – Maths preparation for KS3	3 4 3 7 3