

LONG TERM PLAN

National Curriculum Domain	Suggested timings	Learning sequence number and title	Number of small steps (excluding optional steps)
Autumn			
Number, place value, multiplication, and division	Week 1 – 5 5 weeks 25 steps	5LS1 – Place value and rounding of larger numbers	6
		5LS2 – Interpret negative numbers	3
		5LS3 – Place value of numbers with up to 3 decimal places	5
		5LS4 – Multiply and divide by 10, 100 and 1,000	4
		5LS5 – Properties of number: multiples, factors, and common factors	4
		5LS6 – Prime and composite numbers	3
Four operations – mental calculation	Week 6 – 8 3 weeks 14 steps	5LS7 – Multiply and divide mentally	6
		5LS8 – Solve problems involving knowledge of key facts	2
		5LS9 – Add and subtract using a range of strategies	6
Four operations – formal written methods	Week 9 – 11 3 weeks 15 steps	5LS10 – Add and subtract using formal written methods	4
		5LS11 – Formal written method for multiplication	5
		5LS12 – Formal written method of short division	6
Fractions	Week 12 – 13 2 weeks 7 steps	5LS13 – Equivalent fractions	7
Assessment to inform spring term planning	2 days	Diagnostic assessment paper 1: arithmetic Diagnostic assessment paper 2: reasoning	
Spring			
Fractions	Week 1 – 2 2 weeks 11 steps	5LS14 – Compare and order fractions	7
		5LS15 – Adding and subtracting fractions	4
Addition, subtraction, multiplication, and division	Week 3 1 week 5 steps	5LS16 – Problem solving: all operations	5
Fractions	Week 4 – 5 2 weeks 7 steps	5LS17 – Multiply fractions by whole numbers	5
		5LS18 – Fraction problem solving	2
Measurement	Week 6 – 8 3 weeks 14 steps	5LS19 – Measure: converting units of measure	5
		5LS20 – Area	5
		5LS21 – Volume and capacity	4
Fractions (including decimals and percentages)	Week 9 – 10 2 weeks 10 steps	5LS22 – Percentages	6
		5LS23 – Problem-solving: percentages	4
Geometry	Week 11 1 week 3 steps	5LS24 – 3-D shapes from 2-D representations	3
Assessment to inform summer term planning	2 days	Diagnostic assessment paper 1: arithmetic Diagnostic assessment paper 2: reasoning	
Summer			
Geometry	Week 1 – 3 3 weeks 13 steps	5LS25 – Reflection and translation	3
		5LS26 – Perimeter	3
		5LS27 – Estimate, compare, measure and draw angles	5
		5LS28 – Identify unknown angles	2
Multiplication and division	Week 4 – 6 3 weeks 10 steps	5LS29 – Formal methods for division and multiplication in increasingly complex problems	3
		5LS30 – Strategies for multiplication and division (mental and written)	3
		5LS31 – Solving problems involving scaling by simple fractions and rates	4
Measurement	Week 7 1 week 5 steps	5LS32 – Conversion of imperial and metric units of measure	5
Fractions		<i>5LS33 – Fractions, decimals and percentages problem solving (optional learning sequence – further rehearsal of previously taught content)</i>	4
Measurement	Week 8 1 week 4 steps	5LS34 – Reading timetables and calculating with time	4
Addition, subtraction, multiplication, and division	Week 9 1 week 4 steps	5LS35 – Solve problems involving the four operations	4
Geometry	Week 10 1 week 5 steps	5LS36 – Distinguish between regular and irregular polygons	3
		5LS37 – Use properties of rectangles	2
Number and statistics	Week 11 – 12 2 weeks 9 steps	5LS38 – Statistics: solve comparison, sum and difference problems using information in a line graph	3
		5LS39 – Statistics: interpreting and evaluating information presented in charts and tables	3
		5LS40 – Roman Numerals	3
Assessment to inform transition / autumn term planning	2 days	Diagnostic assessment paper 1: arithmetic Diagnostic assessment paper 2: reasoning	