

**LONG TERM PLAN**

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