

Year 5 Long Term Maths Plan (Spiral Curriculum linked to White Rose small steps coverage)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	
Autumn 1	Week of inspirational Maths	Place Value Steps 1-11			Addition and Subtraction Steps 1-8 - skip step 4 to do with rounding.		Place Value Rounding Steps 12-14 Also complete Addition and Subtraction step 4	Multiplication and Division A Steps 8-10	
Autumn 2 Assessment Term	Position and Direction Steps 1-6	Multiplication and Division A Steps 1-7		Negative Numbers Steps 1-5	Perimeter and Area Steps 1-3 Week 5 - PUMA assessments	Fractions A Steps 4-8		Christmas Holiday	
Spring 1	Volume Steps 1-4	Fractions A Steps 9-17		Multiplication and Division B Steps 1-10			Half term		
Spring 2	Addition and Subtraction consolidation	Fractions B Steps 1-7		Perimeter and Area Steps 4-6	Converting Units Steps 1-6 <small>*need some time consolidation before</small>	Decimals and Percentages Steps 1-9		Half term	
Summer 1	Shape Steps 1-8		Decimals and Percentages Steps 10-15		Half term				
Summer 2 Assessment Term	Fractions consolidation	Decimals Step 1-12 Week 3 - PUMA assessments			Shape Steps 9-10	Statistics Steps 1-5	Ready to progress consolidation	Summer holiday	

Number and Place Value	Number facts	Multiplication and Division	Fractions	Geometry
5NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places. (Summer 1 - Step 1)	5NF-1 Secure fluency in multiplication table facts, and corresponding division facts, through continued practice. Autumn 2 - Steps 1, 2, 3, 4 and 6 Spring 2 - All steps	5MD-1 Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size. Autumn 1 - Steps 8 to 10 Summer 2 - Steps 10 to 12	5F-2 Find equivalent fractions and understand that they have the same value and the same position in the linear number system.  Autumn 2 - Steps 1 to 3	5G-2 Compare areas and calculate the area of rectangles (including squares) using standard units.  Summer 1 - Steps 4 to 5
5NPV-1 Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01. (Summer 1 - Step 1)	5NF-2 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth) Autumn 2 - Step 10	5MD-2 Find factors and multiples of positive whole numbers, including common factors and common multiples and express a given numbers as product of 2 or 3 factors. Autumn 2 - Steps 1, 2, 3 4 and 6	5F-1 Find non-unit fractions of quantities. Spring 2 - Steps 4 & 5	5G-1 Compare angles, estimate, and measure angles in degrees ( $^{\circ}$ ).  Summer 1 - Steps 2 to 4
To compose and decompose numbers with up to 2 decimal places using standard and nonstandard partitioning (Summer 1 - Step 1)		5MD-3 Multiply any whole number with up to 4 digits by any one-digit number using a formal written method. Spring 1 - Steps 1 to 5	5F-3 Recall decimal fraction equivalents for half, quarter, fifth and tenth, and for multiples of these proper fractions. Summer 2 - Steps 2 to 4	5G-3 To draw angles of a given size  Summer 1

Statistics (Pictograms, Tally chars, Block Diagrams, Line graphs) to be taught throughout the year where appropriate across the year.

<p>5NPV-3 Reason about the location of any number with up to 2 decimal places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each. (Summer 1 - Steps 8 to 11)</p>		<p>5MD-4 Divide a number with up to 4 digits by a one-digit number using a formal written method and interpret remainders appropriately for the context. Spring 1 - Steps 7, 8 and 9</p>		
<p>5NPV-4 Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts. (Summer 1 and 2 - Steps 2, 3 and 15)</p>				
<p>5NPV-5 Convert between units of measure, including using common decimals and fractions (Spring 2 - Steps 3, 4 and 5)</p>				



