

## 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	Core Value Week	Place Value				Addition and Subtraction			
Autumn 2 Assessment Term	Multiplication and Division <b>A</b>			Fractions <b>A</b> Data Lock - Week 5			Perimeter and Area	Christmas Holiday	
Spring 1	Decimals and Percentages Core Value Week - Week 1			Fractions <b>B</b>		Half term			
Spring 2 Assessment Term	Multiplication and Division <b>B</b> Data Lock - Week 3			Perimeter and Area	Time	Half term			
Summer 1	Decimals Core Value Week - Week 1			Shape			Negative Numbers	Half Term	
Summer 2 Assessment Term	Converting Units		Position and Direction		Statistics Data Lock Week 5	Volume	Consolidation	Summer Holiday	

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

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Number and Place Value</b>					
5NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places.		5NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places.		5NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places.	
		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.		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.	
To compose and decompose numbers with up to 2 decimal places using standard and nonstandard partitioning		To compose and decompose numbers with up to 2 decimal places using standard and nonstandard partitioning		To compose and decompose numbers with up to 2 decimal places using standard and nonstandard partitioning	
5NPV-3 Reason about the location of any number with up to 2 decimals 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.		5NPV-3 Reason about the location of any number with up to 2 decimals 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.		5NPV-3 Reason about the location of any number with up to 2 decimals 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.	
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.		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.			
		5NPV-5 Convert between units of measure, including using common decimals and fractions			5NPV-5 Convert between units of measure, including using common decimals and fractions

Number facts					
	5NF-1 Secure fluency in multiplication table facts, and corresponding division facts, through continued practice.		5NF-1 Secure fluency in multiplication table facts, and corresponding division facts, through continued practice.		
	5NF-2 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth)		5NF-2 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth)	5NF-2 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth)	
Multiplication and Division					
			5MD-3 Multiply any whole number with up to 4 digits by any one-digit number using a formal written method.		
	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.			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.	
			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.		
	5MD-2 Find factors and multiples of positive whole		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.		numbers, including common factors and common multiples and express a given numbers as product of 2 or 3 factors.		
<b>Fractions</b>					
	5F-2 Find equivalent fractions and understand that they have the same value and the same position in the linear number system.	5F-2 Find equivalent fractions and understand that they have the same value and the same position in the linear number system.			
		5F-1 Find non-unit fractions of quantities.			
		5F-3 Recall decimal fraction equivalents for half, quarter, fifth and tenth, and for multiples of these proper fractions.			
<b>Geometry</b>					
	5G-2 Compare areas and calculate the area of rectangles (including squares) using standard units.		5G-2 Compare areas and calculate the area of rectangles (including squares) using standard units.		
				5G-1 Compare angles, estimate, and measure angles in degrees ( $^{\circ}$ ).	
				5G-3 To draw angles of a given size.	
	At the assessment point up at least 9 stars are available.		At the assessment point up to 20 stars are available		At the assessment point up to 27 stars are available.