Year 6 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 Multiplication and Division			
Autumn 2 Assessment Term	Fractions A				Fractions B		Percentages	Christmas Holiday
Spring 1	Decimals Core Value Week		Fractions, Decimals and Percentages			Half term		
Spring 2 Assessment Term	Area, Perimeter and Volume	Ratio	Algebra	Position and Direction		Half term		
Summer 1	Shape Core Value Week		Statistics	Converting Units (including time)	Revision	SATS (Week 6 – 13th – 16th May)		Half Term
Summer 2 Assessment Term	Themed Projects, Consolidation and Problem Solving							Summer Holiday

Converting Unit and Statistics (Pictograms, Tally chars, Block Diagrams) to be taught throughout the year where appropriate across the year.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number and Place						
	6NPV-1 Understand the relationship between powers of 10 from 1 hundredth to 10 million and use this to make a given number, 10, 100, 1,000, 1 tenth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000).					
	6NPV-2 Recognise the place value of each digit in numbers up to 10 million including decimals, fractions and compose and decompose numbers up to 10 million using standard and non-standard partitioning.					
	6NPV-3 Reason about the location of any numbers up to 10 million, including decimal fractions in the linear number system and round numbers, as appropriate including in contexts					
	6NPV-4 Divide powers of 10 from 1 hundredth to 10 million into 2, 4, 5 and 10 equal parts and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.					
Addition, Subtraction, Multiplication and Division						
	6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).	6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).				
	6AS/MD-2 Use a given additive or multiplicative calculation to derive					

	or complete a related calculation, using arithmetic properties, inverse relationships and place value understanding.				
		6AS/MD-3 Solve problems involving ratio relationships			
		6AS/MD-4 – Solve problems with 2 unknowns.			
Fractions					
	6F-1 Recognise when fraction can be simplified and use common factors to simplify fractions.				
	6F-2 Express fractions in a common denomination and use this to compare fractions that are similar.				
	6F-3 Compare fractions with different denominators including fractions greater than 1 using reasoning and choose between reasoning and common denomination as a comparison strategy.				
Geometry					
			6G-1 – Draw and decompose shapes according to given properties including dimensions, angles and area and solve related problems..		
	At the assessment point at least 9 stars are available		At the assessment point up to 16 stars are available		At the assessment point up t stars are available