

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Making generalisations about the number system 1						Making generalisations about the number system 2					
	Number systems and the axioms <ul style="list-style-type: none"> Place value systems including base 10 and other bases Commutativity, associativity and distributivity 			Factors and multiples and order of operations <ul style="list-style-type: none"> Factors, primes and multiples Square and cube numbers Representing the structure of number Establishing the order of operations 			Positive and negative numbers <ul style="list-style-type: none"> Negative numbers in context Using negative numbers with all four operations 			Expressions, equations and sequences <ul style="list-style-type: none"> Finding missing terms in sequences Finding the nth term Writing expressions Recognising equivalent expressions Forming equations 		
Spring	2-D geometry						The Cartesian plane					
	Angles <ul style="list-style-type: none"> Measuring and drawing angles Angles on a straight line and around a point Angles in parallel lines Creating expressions from angle facts 		Classifying 2-D shapes <ul style="list-style-type: none"> Classifying polygons according to their properties Rotational and line symmetry Area of triangles and quadrilaterals Formulae and solving equations 		Constructing triangles and quadrilaterals <ul style="list-style-type: none"> Using a ruler, protractor and compasses to construct 2D shapes Using properties of quadrilaterals and triangles to explore standard constructions. 		Coordinates <ul style="list-style-type: none"> Plotting points in all four quadrants Horizontal and vertical lines Midpoints of line segments Problem solving on a coordinate grid 		Area of 2-D shapes <ul style="list-style-type: none"> Area of triangles and quadrilaterals Formulae and solving equations 		Transforming 2-D figures <ul style="list-style-type: none"> Translation, rotation and reflection of an objects on a cartesian plane Enlargement by a positive scale factor 	
Summer	Fractions						Ratio and proportion					
	Primes, factors and multiples <ul style="list-style-type: none"> Prime factor decomposition LCM and HCF Square roots and cube roots 		Fractions <ul style="list-style-type: none"> Equivalent fractions Converting between fractions and decimals Recurring decimals Multiply and divide fractions Fractions of amounts Mixed numbers and improper fractions Addition and subtraction of fractions 				Ratio <ul style="list-style-type: none"> Ratio notation Understand the relationship between ratio and fractions Working with ratios and quantities 		Percentages <ul style="list-style-type: none"> Equivalence to fractions and decimal fractions Percentage of an amount Percentage increase and decrease Finding the original amount Using percentages, fractions and decimals in different contexts including probability 			