

Year 7 step-by-step plan

 = 'Mastery theme'  = Step-by-step contents

	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 <ul style="list-style-type: none"> Counting and grouping Value of the place Regrouping 	Multiplicative relationships <ul style="list-style-type: none"> Multiplication and division to describe equal groups Relating and using key facts Models for representing variety of situations 			Additive relationships <ul style="list-style-type: none"> Addition and subtraction relationship Using key facts Addition and subtraction algorithms Calculation strategies 			Positive and negative numbers <ul style="list-style-type: none"> Positive and negative numbers in context Addition and subtraction Multiplication and division 			All four operations <ul style="list-style-type: none"> Multiplication and division algorithms Develop efficient strategies Engage in challenging problems involving all four operations 	
Spring	2-D geometry						The Cartesian plane					
	Angles and symmetry <ul style="list-style-type: none"> Making, describing and measuring angles Properties of 3-D shapes Properties of 2-D shapes 			Shape and measure <ul style="list-style-type: none"> Unit of measure, length, perimeter Large numbers, small number and all the number in between Estimating and efficient calculation 			Coordinates <ul style="list-style-type: none"> Describe position 1st quadrant 	Area <ul style="list-style-type: none"> Squared units 	What is a fraction? <ul style="list-style-type: none"> Fractions as part of a whole Fractions and division Fractions on a number line 			
Summer	Fractions						Ratio and proportion					
	Factors multiples <ul style="list-style-type: none"> Revise Y7 autumn term content 	Equivalent fractions <ul style="list-style-type: none"> Equivalent parts of the same whole Relationships within and between numerator and denominator 		Operations acting on fractions <ul style="list-style-type: none"> Fractions of amounts and multiplication involving fractions Multiplication and division involving fractions Addition and subtraction 			Ratio <ul style="list-style-type: none"> Language and symbols of ratio Exploring ratio 		Decimals and percentages <ul style="list-style-type: none"> Tenths, hundredths and thousandths Parts per hundred Connect percentage, fractions and decimals 			