		Week	Year 7	Year 8	Year 9
Autumn Term	**Number**	1	Factors and Multiples	Prime factors, HCF and LCM	HCF and LCM problems
		2	Place Value and Rounding	Estimation	Upper and Lower Bounds
		3	Mental and Written Methods	Operations with decimals	Laws of indices, negative, fractional
		4		Mental and Written Methods (Applied)	
		5	Negative Numbers	Negative Numbers	Standard Form
		6	Time	Reading timetables	Straight Line Graphs
	Algebra	7	Algebraic Notation	Coordinates and graphs	
		8	Algebraic Manipulation including Expanding Single Brackets	Algebraic Manipulation including Expanding and Factorising Brackets	Quadratic Expressions
		9			
		10	Patterns and Sequences	Linear Sequences	Quadratic Sequences
Spring Term	**Number**	1	Types of Number (inc. powers)	Roots, Indices and Surds	Fractions and Surds
		2	Fractions	Fractions and mixed numbers	
		3		Operations with mixed numbers	Percentages
		4	Percentage of amounts	Percentage multipliers	
	Algebra	5	Solving Linear Equations	Solving equations with variables on both sides	Rearranging formulae
		6			
		7		Inequalities (solving)	Plotting regions with inequalities
	Ratio	8	Fraction Calculations	Ratio, proportion and scale	Combining ratios
		9	Simplify and share		Direct and inverse proportion
		10	Applications	Compound Measures	Compound Measures
Summer Term	**Geometry**	1	Properties of lines , angles and 2D shapes	Interior and Exterior Angles	Constructions
		2	Angles	Parallel lines	Pythagoras and Trigonometry
		3		2D Compound Shapes - Area/Perimeter	
		4		2D Shapes - Circles	
		5	2D Shapes - Area and Perimeter	3D shapes (properties, volume and surface area)	Transformations
		6			
	Data Handling	7	Averages and spread (raw data)	Averages and spread (problems)	Averages from frequency tables (simple and grouped)
		8	Tally charts, Bar Charts, Pictograms, Stem and leaf	Scatter Graphs and Pie Charts	
		9		Probability - Sample Space, Two Way Tables and Frequency Trees	Probability - Tree and Venn
		10	Probability		