			Year 7												
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12			
			Algebraic	: Thinking				Pla	ice Value a	nd Propor	tion				
Autumn	Sequ	ences	Under and alge nota	rstand use braic ation	Equali equiva	ity and alence	Place v intege	alue and o rs and de	ordering cimals	Fraction, decimal and percentage equivalence					
		A	pplications	s of Numb	er	Dire	ected Num	nber	Fractional Thinking						
Spring	Solving Sol problems with n addition & n subtraction			g problem tiplication division	ns with and	Fractions & percentages of amounts	Op equatio	erations a ons with d number	and lirected	Addition and subtraction of fractions					
			Lines an	d Angles			Reasoning with Number								
Summer	Constru and u	ucting, me using geon notation	asuring netric	Devel	oping geor reasoning	metric	Devel numbe	oping r sense	Sets proba	s and ability proof					

		Year 8												
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12		
		Р	roportiona	l Reasonir	ng				Represe	entations				
Autumn	Ratic sca	and ale	Multipl cha	licative nge	Multij and di fract	plying ividing tions	Workin	g in the Ca plane	artesian	Repres da	Tables & Probability			
			Algebraic 1	Techniques	S	Developing Number								
Spring	Br	rackets, ec inequ	quations ar alities	nd	Sequences	Indices	Fr	ractions ar ercentage	Stan index	tandard คุ dex form รู				
		[Developing	Geometr	у		Reasoning with Data							
Summer	Angles ar	s in paralle nd polygoi	el lines ns	Are trapez circ	a of :ia and :les	Line symmetry and reflection	TI	ne data ha	le	Measu loca	ures of ation			

<u>Year 9</u>

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Algebra Notation and	Solving	Ratio and Proportion		Averages From lists and Estimating th	l a table e mean	Angles I Notation, Parallel lines, Rules/Justify		Percentages		Probability an Diagrams	d tree	Recap, Exam a Intervention	and
Spring	Frequency trees, 2 way tables	Algebra y Substitution Inequalities (solving and on a number line) Rearranging		Indices (numerical and Algebraic)	Standard Form	Real Life Graphs (+exchange rates and distance time)	Circles Area/Surface Area		Fractions	Simultaneous Equations	Exam			
Summer	AlgebraVennGradientExpand,DiagramsStraight Line GraphsFactorise(incl primeGradientQuadraticsfactorsSequencesHCF/LCM)HCF/LCMSequences		Graphs	Exam	Graphs (quadratic, cubic, reciprocal)	Pythagoras	Collect and Represent Data							

Topics in bold are the higher group only

Skills to practise throughout each term

Autumn Term	Spring Term	Summer Term
Types of number	Long Multiplication	Skills learnt throughout the year that need
(factors/multiples/prime/square)	Division using bus stop	practising
Order of Operations	Coordinates	
Metric units and conversions	Rounding (nearest 10/100/1000/dp)	
Calculating with and ordering decimals	Estimating	
Dec/Frac/%	Multiply and divide by powers of 10	
	Proof/counterproof (Justify)	

Year 10/11 Foundation

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Probability and Tree Diagrams		Algebra Co Notation and simplifying using indices		Collect and Represent Data		Scatter Graphs	Standard Form	Percentages		Catch up	Ex. And inte	ams rvention	
Spring	Fractions		Angle sums Angles on parallel lines Angles in polygons		Bearings and scale diagrams	s Ratio and Proportion le Best value is		Averages	Perimeter, Area and Volume	Circles Expand and f expressions Expand and f quadratic exp Substitution		actorise actorise ressions	Solve linear Equations Solve quadratic equations	
Summer	Transformations		Indices Factors, Prime factors	Exams		Interventio n	Elevations	Coordinate Linear graphs and Quadratic graphs	Enrichment Week					
Autumn	Sequences	Venn Diagrams	Probability Revision	SDT Graphs	Real life graphs Conversion Exchange rates	Graphs Pythagoras' (linear and Theorem Quadratic)		Solve equations	Inequalities	Percentages Revision Interest	Vectors 1	Ν	Nock Exam	S
Spring	Y=mx+c	rearranging	Similar shapes congruency	S	Simultaneous equations	Trigonometry	Constructions	and Loci	Error intervals and Measures	Mock	Exams	Intervention		
Summer	Vectors 2	Revision until exams												

Year 10/11 Higher

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	Week 10		Week 11	Week 12		Week 13	Week 14
Autumn		Probability and Tree Diagrams Product rule		Angle sums/parallel lines Polygons		Scatter Graphs	Pythagoras		Trigonometry	y Y=mx+c		Y=mx+c		Percentages		Exams And intervention	
Spring	Set up and solve equations	Recurring dec to fractions	Indices Prime factors HCF/LCM	Revise ways o data Cumulative Fr Boxplots	f displaying equency	Distance time Velocity time	e graphs e graphs		Solve quadratics	Simultaneous Surden Surden Simultaneous Surden Surd		Surds		Test	Transf	ormations	
Summer	Solve Quadratic inequalities Proof	Recap graphs, equation of circle, graphical sim eq	3D solids (Elevations, vol, SA)	Exa	ams	Intervention catch up	Constructions and Loci		and Loci								
Autumn		Histograms	Error intervals and Bounds	Rearranging	Venn diagrams	Algebraic fractions	Sine / cosine rule		Sectors and Composite circles functions		osite ons		N	/lock Exam	S		
Spring	Direct / invers	e proportion	Circle theorems	Congruence a	nd similarity	Quadratic for complete the square / sketo quadratics	Trig graphs / elnu Transforming functions		Mock Exams		Intervention catch up	Iterati	on				
Summer	Inequalities and regions	Vectors 2	Sequences	Capture / recapture													