Year 9 H	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Topic/Theme/	In this unit students will	In this unit students will	In this unit students will			
Focus	become confident	deepen their	further develop their	build on their knowledge	develop their	build on their knowledge
	working with fractions,	understanding of	understanding of number.	of algebra from KS3.	understanding of angles	of Linear graphs.
	decimals and	probability.			and triangles.	
	percentages.		They will learn	They will learn		They will learn
		They will learn	fundamental knowledge	fundamental skills such	They will learn	fundamental knowledge
	They will learn fundament	fundamental knowledge	such as:	as:	fundamental knowledge	such as:
	knowledge such as:	such as:	Using place value to	Know and apply the laws	such as:	Interpret the gradient and
	Four operations with	Use the addition law for	answer questions.	of indices.	Understand and use angle	intercept from y = mx+c.
	fractions including mixed	mutually exclusive event.	Round answers to an	Expand and factorise a	properties in triangles and	Find the midpoint.
	numbers.	Find the probability of an	appropriate level of	single bracket.	quadrilaterals.	Find the length of a line
	Dividing a decimal by a	event not happening.	accuracy.	Expand two brackets.	Find missing angles using	segment.
	decimal without a	Use the product rule for	Find the HCF and LCM of	Factorise simple	corresponding, alternate	Sketch graphs.
	calculator.	finding the number of	two numbers.	quadratics.	and co-interior.	Find the equation of a line
	Percentage increase and	outcomes.	Use powers and roots in	Set up and solve linear	Use Pythagoras' theorem.	including parallel and
	decrease.	Using Sample Space	calculations.	equations including with	Use Trigonometry in right	perpendicular including
	Find an original amount	diagrams to list the	Multiply and divide using	fractions.	angled triangles.	perpendicular bisector.
	following a percentage	outcomes of events.	index laws.	Substitute into formulae		Draw quadratic graphs
	change.	Draw and use tree	Simplify surds.	including negatives,		and identify the roots.
	Convert between FDP.	diagrams.	Rationalise a simple	powers and roots.		
	Write ratios in the form		denominator.	Rearrange formulae.		
	1:n and n:1.			Generate sequences from		
	Share in a ratio and find			the nth term including		
	one part given the other			quadratics.		
	or difference.			Find the formula for the		
	Solve problems involving			nth term of a linear		
	ratio and proportion.			sequence.		
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Кеу	Numerator, Denominator,	Mutually exclusive,	Index, product, Factor,	Expression, Term,	Edge, Vertices, Alternate,	Parallel, Coordinate,
vocabulary	Reciprocal, Multiplier,	Exhaustive, Independent,	Multiple, Inverse, Surd,	Substitute, Solve,	Corresponding, Co-	Gradient, Intercept
	Ratio	Relative frequency	Rationalise, Irrational,	Quotient	interior, Hypotenuse,	Parabola, perpendicular,
			Denominator.		Sine, Cosine, Tangent	bisector, roots