## **GCSE Mathematics Learning Journey**

Year 10

Reason, Interpret and communicate mathematically

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		reciprocals	Expanding & factorising		inequalities	
Statistics 1	PATHWAY	position to find	quadratics	Loci	Equations of horizontal	Rotations
Drawing /Interpreting			Using and solving	Problem solving	& vertical lines	Enlargement with
graphs and charts		t 2 index lows	formulae	with circles	Using y=mx+c	fractional scale
			Simultaneous equations	Surface area of	Direct proportional	factors
Reverse averages	Rea	aing & writing	Algebraic fractions	prisms	reasoning	Metric measure
Scatter graphs	sta	andard form	Positive quadratic graphs	Solving angles in	Inverse proportional	conversions in area
Probability as fractions,	Cal	culating with	Complex Sequences & nth	narallel lines	reasoning	
decimals and	c sta	andard form	tomplex sequences & nth	Pythagoras'	Reverse percentages	
percen <mark>tages</mark>			term	Theorem	neverse percentages	
Sample spac <mark>es, two wa</mark> y	В			meorem	. 4 3	
tab <mark>les</mark>		Geometry	<u>1</u>		020	
Venn diagrams and sets	<u>Number Algebra 2</u>	Angle propert	ties	Number 1	<b>V</b>	
	Manipulating fractions	including angle	es in <u>Algebra 1</u>	Directed Numb	er	
	Calculating with	parallel line	s, Manipulating algebraid	C Polativo Magnitu	ide	
<u>Geometry 2</u>	fractions & mixed	Interior and Ext	erior expressions	Relative Magnitt		
Drawing and Describing	numbers	Angles	Solving Equations			
transformations	Problem solving with	Surface area	of Sequences and nth terr	n Application of		
Using conversion graphs	ratio	prisms	Writing and using compl	ex Factors, Multiple	es,	
Volume of prisms	Manipulating fractions.	Area and	expressions, formulae a	nd Primes and Squa	res	
Linear Similarity	decimals nercentages	Circumference	of Equations to represent	Rounding and	1	
	and choosing	circlos	real life and abstract	Truncation		
		Construction	concents			
	appropriate format to	Congruence a	ind concepts			
2	solve problems.	Construction	าร			
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## **Mathematics Learning Journey**

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## Reason, Interpret and communicate mathematically



## **KS3 Mathematics Learning Journey**



