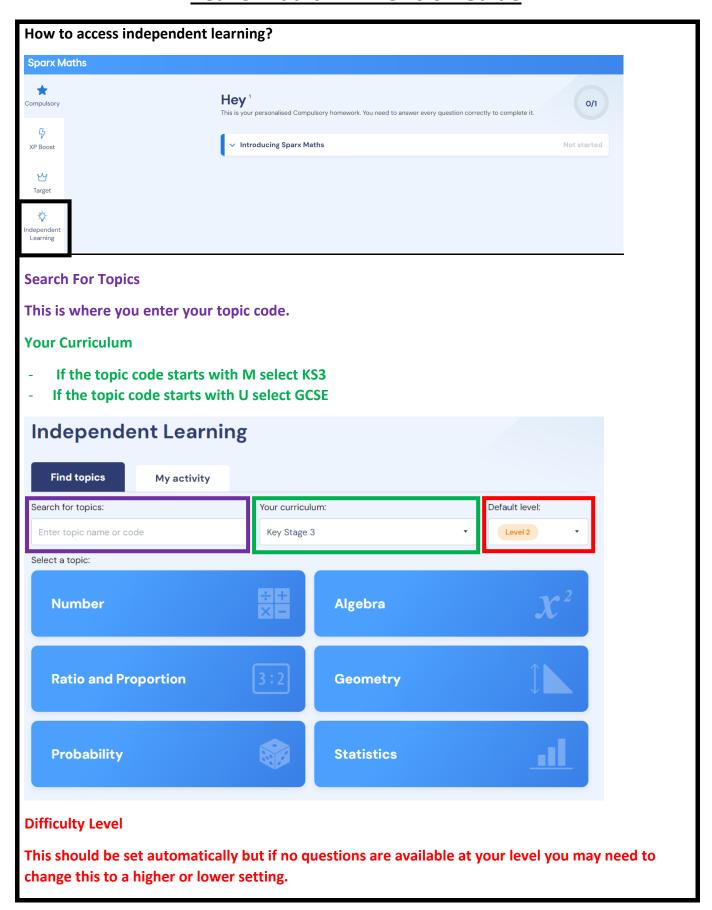
Year 9 Maths KAT Revision Guide



Codes

Green – Key knowledge from Year 9

Black – Knowledge required to be confident

Purple – Knowledge to ensure you excel

Unit	Small Step	Sparx Code
Straight line graphs	Using Cartesian coordinates	U789
	Straight lines from a table of values	U741
	Calculating gradient	U848
	Identifying points on a line	U933
	Interpreting the equation of a line	U669
	Using straight line graphs in real life	U638
Forming and Solving Equations	Solving one and two step equations	U755
	Solving an inequality with brackets	U759
	Forming equations from worded problem	U599
	Solving inequalities with negatives	U759
	Change the subject of an equation	U556
Testing Conjectures	Identifying prime numbers	U236
	Identifying factors and multiples	U211
	Testing conjectures with algebra	U201
	Percentages of an amount	U554
	Expanding single and double brackets	U646
	Continuing linear sequences	U498
	Generalising to create algebraic expressions	U613
Three-dimensional Shapes	Naming three-dimensional shapes	U719
	Drawing the net of a cube	U761
	Find the volume of a cuboid	U786
	Drawing elevation and plan views	U743
	Calculating the volume of a prism	U174
	Calculating the volume of a cylinder	U915
	Calculating the volume of spheres	U617
	Classifying angles	U447
	Using scale	U257
	Identifying congruent shapes	U790
Constructions and	Constructing an equilateral triangle	U187
Congruency	Constructing loci	U820
	Constructing angle bisectors	U787
	Construct perpendicular lines	U245
	Identify congruent triangles	U866