

Liskeard School Year 9 Maths - Autumn Term Knowledge Organiser

Enter these SPARX codes into the Independent Learning area on SPARX to generate questions to help you revise and consolidate your learning.

Autumn 1	SPARX CODE	Autumn 2	SPARX CODE
Number (4)		Graphs 2 (Straight Line Graphs)	
Types of number (rational, irrational, real)		Plotting and reading lines parallel to the axis	M797
Directed numbers (recap of prior learning)	M288, M106, M527	Plotting straight line graphs using a table of values	M932
Problems involving integers and decimals		Identifying the gradient & intercept from equation	M888
Product of Primes	M322, M108	Find the gradient & intercept from a graph	
HCF & LCM (using Venn diagrams)	M698, M227, M365	Real life graphs	M843
Calculations with fractions (recap of prior	M385, M931, M157,		
learning)	M110, M265		
(H) Surds	M135, U338	(H) Equation of a line given two points	M544, M957
Algebra 3 (Forming & Solving Equations & inequalities)		(H) Equations of perpendicular lines	U898
Solving two step equations & inequalities	M509		
Solving equations with brackets			
Solving equations & inequalities with unknowns on both sides	M554		
Forming & solving equations and inequalities	M118, M732		
Formulae, equation, expression, identity?			
Rearranging formulae (1 step)	M184		
(H) Rearranging more complex formulae			
Expanding binomials	M960		

SPARX codes beginning with an M = Key Stage 3 content and U = GCSE content. You will need to ensure that you choose the correct curriculum from the drop-down menu in 'Independent Learning' on SPARX.