

Year 11 Foundation Revision List – Non-Calculator Paper 1

<u>Topic</u>	<u>Sparx Topic Code</u>	<u>Revised?</u>
Finding the lowest common multiple (LCM)	M227	
Choosing suitable averages and solving problems	U717	
Dividing with mixed numbers	U538	
Finding prime numbers	U236	
Calculating with roots and powers	U851	
Substituting into algebraic formulae	U585	
Calculating the mean, Constructing and solving equations	U291, U599	
Multiplying and dividing with negative numbers	U548	
Interpreting scatter graphs, Using lines of best fit	U277, U128	
Using the correct order of operations	U976	
Constructing fractions, Simplifying fractions	U163, U646	
Using equivalent ratios to find unknown amounts, Drawing bar charts	U753, U363	
Converting between fractions, decimals and percentages	U888	
Drawing and interpreting pictograms	U506	
Graphs of reciprocal functions	U593	
Share amounts in a given ratio, Find fractions of amounts without a calculator	U577, U881	

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<u>Topic</u>	<u>Sparx Topic Code</u>	<u>Revised?</u>
Calculating with roots and powers	U851	
Finding areas using grids	M900	
Converting between mixed numbers and improper fractions	U692	
Prime factor decomposition	U739	
Area of compound shapes, Write numbers as percentages of other numbers	U970, U925	
Converting units of length, mass and capacity	U388	
Finding the percentage an amount has been changed by	U278	
Adding and subtracting integers	U417	
Estimating and measuring	U102	
Using a written method to divide integers, Understanding and ordering integers	U453, U600	
Understanding, measuring and drawing angles	U447	
Mixed problems: Finding the area and perimeter of simple shapes	U993	
Substituting into algebraic formulae, Solving equations with two or more steps	U585, U325	
Angles on a line and about a point, Constructing and solving equations	U390, U599	
Expanding single brackets	U179	
Interpreting scatter graphs	U277	

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Year 11 Higher Revision List – Non-Calculator Paper 1

<u>Topic</u>	<u>Sparx Topic Code</u>	<u>Revised?</u>
Venn diagrams with set notation	U748	
Calculate with speed, Add & subtract algebraic fractions, Divide algebraic fractions	U151, U685, U824	
Estimating roots and powers	U299	
Substituting into functions	U637	
Prime factor decomposition	U739	
Calculating the mean, Constructing and solving equations	U291, U599	
Use standard form with positive indices, Use standard form with negative indices	U330, U534	
Solving simultaneous equations using elimination	U760	
Dividing fractions	U544	
Solving single inequalities	U759	
Finding prime numbers	U236	
Angles on a line and about a point, Constructing and solving equations	U390, U599	
Share amounts in a given ratio, Find fractions of amounts without a calculator	U577, U881	
Completing the square	U397	

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<u>Topic</u>	<u>Sparx Topic Code</u>	<u>Revised?</u>
Multiplying and dividing surds, Adding and subtracting surds	U633, U872	
Converting recurring decimals to fractions	U689	
Function machines with letters, Expanding single brackets	M428, U179	
Calculating Range, Calculating Median	U526, U456	
Surface area of cylinders, Surface area of spheres, Writing and simplifying ratios	U464, U893, U687	
Using the product rule for counting	U369	
Using a written method to multiply decimals	U293	
Using a written method to divide with decimals	U868	
Multiplying fractions, Converting between mixed numbers and improper fractions	U475, U692	
Expanding single brackets	U179	
Graphs of reciprocal functions	U593	
Congruent triangles, Angles on parallel lines, Understanding similarity	U866, U826, U551	
Solving simultaneous equations using substitution	U757	
Using the exact values of trigonometric ratios	U319	

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