

## Year 11 PPE3 Foundation Paper 1 Non Calculator Topic List Feb 2024

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Topic	Sparx Code	Revised?
Calculating with roots and powers	U851	
Adding and subtracting decimals	U478	
Estimating and measuring	U102	
Understanding, measuring and drawing angles	U447	
Understanding and ordering decimals	U435	
Using number lines	U922	
Ordering negative numbers	U947	
Symmetry	U849	
Simplifying expressions by collecting like terms	U105	
Factorising into one bracket	U365	
Expanding single brackets	U179	
Reading, converting and calculating with time	U902	
Drawing and interpreting tally charts	U653	
Drawing bar charts	U363	
Adding and subtracting integers	U417	
Finding the perimeter of compound shapes	U351	
Solving direct proportion word problems	U721	
Choosing suitable averages and solving problems	U717	
Line and shape properties	U121	
Plotting straight line graphs	U741	
Adding and subtracting fractions	U736	
Converting between mixed numbers and improper fractions	U692	
Reflection	U799	
Finding fractions of amounts without a calculator	U881	
Simplifying fractions	U646	
Using the correct order of operations	U976	
Calculating with roots and powers	U851	
Using set notation	U296	
Plotting linear real-life graphs	U652	
Using the exact values of trigonometric ratios	U627	
Index rules with positive indices	U235	
Index rules with negative indices	U694	
Equations of parallel lines	U898	
Interpreting scatter graphs	U277	
Using lines of best fit	U128	
Finding percentages of amounts without a calculator	U554	
Solving quadratic equations graphically	U601	
Finding the area of sectors	U373	
Factorising quadratic expressions of the form $x^2+bx+c$	U178	
Using standard form with positive indices	U330	
Writing and simplifying ratios,	U687	
Multiplying and dividing numbers in standard form	U264	