Year 11 PPE
February 2025
Foundation Paper 2 revision list
Non Calculator

Topic	Sparx Number	R	A	G
Finding the next term in a linear sequence	U213			
Finding the next term in a geometric sequence	U213			
Adding and subtracting with decimals (problem solving with money)	U478			
Solving 1 step linear equations	U755			
Simplifying algebraic expressions	U105			
Reading co-ordinates in all 4 quadrants	U789			
Finding the midpoint of a line on a co-ordinate grid	U933			
Properties of quadrilaterals (rhombus, parallelogram, trapezium)	U121			
Finding the range from a list of numbers	U526			
Finding the mean from a list of numbers	U291			
Basic angle rules (on a straight line, around a full turn, angles in a triangle, vertically opposite angles)	U390 U628 U730			
Long multiplication	U127			
Short division (bus stop division)	U453			
Completing a pictogram	U506			
Listing possible outcomes for an event e.g. a shop sells vanilla, chocolate, strawberry and banana ice cream. List the different possible options if you order 2 scoops of ice cream. VV, VC, VS, VB, etc.	U369			
Converting between fractions, decimals and percentages	U888			
Rounding to 1 and to 2 decimal places	U298			
Recognising different inequality symbols ($<$, $>$, $\leq$, $\geq$)	U509			
Substituting values into an expression				
Rearranging an equation to make x the subject.	U675			

Expanding single brackets	U179			
Simplifying expressions by collecting like terms	U105			
Converting between hours, minutes and seconds	U902			
Interpreting information in a pie chart	U172			
Reading from real-life graphs	U862			
Drawing in lines of symmetry on a shape	U849			
Using map scales	U257			
Linking algebra and inverse proportion	U364			
Using Pythagoras' theorem to find a short side $a^2 + b^2 = c^2$	U385			
Relative frequency (experimental probability)	U580			
Using the density formula $Density = mass / volume$	U910			
Using trigonometry (SOH CAH TOA) to find the length of a side in a right angled triangle	U283			
Error intervals	U657			
Reverse percentage problems (find the original value)	U286			
Multiplying algebraic expressions	U613			
Problem solving with area and ratio	U753			