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

Topic	Sparx Number	R	A	G
Labelling different parts of a circle				
Finding the mean from a grouped frequency table	U213			
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			
Error intervals	U657			
Reverse percentage problems (find the original value)	U286			
Multiplying algebraic expressions	U613			
Problem solving with ratio	U753			
Using trigonometry SOH CAH TOA to find missing lengths and angles in right angled triangles	U283 U545			
Repeated percentage change. E.g. decrease by 10% and then decrease by a further 5%	U671			
Angles on parallel lines	U826			
Angles in isosceles triangles	U628			
Constructing and solving equations	U599			
Expanding 2 brackets	U768			
Solving equations with unknowns on both sides	U870			
Equation of perpendicular lines	U898			
Drawing and interpreting cumulative frequency curves	U182 U642			

Comparing populations using box plots and cumulative frequency graphs (using median and interquartile range)	U507			
Calculating area scale factor	U630			
Substituting into iterative formulae	U434			
Calculating acceleration from velocity-time graphs	U562			
Calculating distances from velocity-time graphs	U611			
Completing the square	U397			
Circle theorems	U808			
Geometric proofs with congruence and similarity	U887			