

**Year 11 PPE**  
**November 2024**  
**Foundation Paper 2 revision list**  
**Calculator**

Topic	Sparx Number	R	A	G
Converting between fractions, decimals and percentages	U888			
Simplifying algebraic expressions: <ul style="list-style-type: none"> <li>- By collecting like terms. E.g. simplify <math>y + 8y + 2y</math></li> <li>- Involving multiplication. E.g. simplify <math>10x \times 4</math></li> <li>- Involving division. E.g. simplify <math>15y \div 5y</math></li> <li>- Involving powers. E.g. simplify <math>x \times x \times x \times x</math></li> </ul>	U613 U105			
Recognising acute, obtuse and reflex angles	U447			
Finding lines of symmetry in shapes	U849			
Multiplication and division involving decimals (using a calculator)	U926			
Interpreting pictograms	U506			
Finding the area of a rectangle by counting squares	U993			
Measuring lines accurately	U102			
Finding the perimeter of a triangle	U993			
Theoretical probability from experiments	U580			
Direct proportion worded problems	U721			
Drawing straight line graphs from a table of values	U741			
Reverse mean problems	U291			
Rearrange a linear equation (make x the subject)	U675			
Finding the nth term for a linear sequence (position to term rule)	U498			
Recognising different parts of a circle	U767			
Addition with column vectors	U903			
Probability tree diagrams for independent events	U558			

<b>Topic</b>	<b>Sparx Number</b>	<b>R</b>	<b>A</b>	<b>G</b>
Trigonometry (SOH CAH TOA) to find the length in a right angled triangle	U283			
Reverse percentage problems (find the original amount)	U286			
Completing a table to show direct proportion	U640			
Probability from an experiment (labelling a spinner)	U683			
Completing a probability table	U510			
Finding x and y intercepts from a straight line graph	U741			
Finding the turning point of a quadratic graph	U989 U667			
Experimental probability	U580			
Calculating speed from a distance-time graph	U462			