

Revision List – Year 11 Mock

This list is only for the mock papers being sat in January. In the summer you will need to revise **all** topics covered in mathematics. Use your homework books, online resources and your teachers for any extra support over the coming weeks. Be vigilant some topics appear more than once and ratio and proportion accounts for 40% of the higher paper. Remember problem solving questions are more evident so ensure you have strategies in place in order to access these questions i.e. PEEL.

Reminder Maths Clinic takes place in R21 every Thursday at 1.00pm during week 1 and at 1.20pm during week 2.

HIGHER

<u>Paper 1</u>	<u>Paper 2</u>	<u>Paper 3</u>
Algebraic proof	Combinations	Angles
Binomial expansion	Compound area	Area
Circle theorems	Exchange rate	Boundaries
Completing the square	Exponential graphs	Box Plots
Compound area	Graphical inequalities	Circle theorem
Cumulative frequency	Index laws	Density
Box plots	Perpendicular lines	Equation of graphs
Equation of a straight line	Probability	Expanding brackets
Estimation	Proportion	Frequency polygon
Fractions	Quadratic sequences	Functions
Graph transformations	Ratio	Indices
Histograms	Reciprocal graph	Iteration
Indices	Scatter graph	Multiples
Percentages	Sector area	Percentages
Probability	Simultaneous equations	Ratio
Proportion	Standard form	Re-arranging formula
Quadratic sequences	Transformations	Similar shapes
Ratio	Trigonometry	Tree diagrams
Real life graphs	Vectors	Trigonometry
Similar shapes	Venn diagrams	Volume
Simultaneous equations		
Speed		
Surds		
Transformations		
Vectors		

FOUNDATION

<u>Paper 1</u>	<u>Paper 2</u>	<u>Paper 3</u>
Algebra	Angles	Algebra
Angles	Circle properties	Angles
Area	Combinations	Averages and range
Average speed	Compound area	Bar chart
Co-ordinates	Compound interest	Compound area
Distance - time graph	Division	Fractions
Equation of a line	Fractions	Frequency polygon
Error interval	Indices	LCM
Estimation	Inequalities	Map scales
Fractions	Map scales	Metric conversion
Frequency table and diagram	Percentages	Number properties
Negative numbers	Perimeter	Ordering values
Percentages	Pie charts	Percentages
Place value	Ratio	Proportion
Probability	Reciprocal graph	Ratio
Product of prime factors	Scatter diagram	Rounding values
Ratio	Sequences	Sequences
Stem and leaf	Simultaneous equations	Standard form
Substitution	Solving equations	Straight line graphs
Transformations	Transformations	Tree diagrams
Units of volume	Venn diagrams	Trigonometry