

Revision List – Year 11 Mock

This list is only for the mock papers being sat in January 2020. 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 at 1:30pm R21 every Thursday.

HIGHER

<u>Paper 1</u>	<u>Paper 2</u>	<u>Paper 3</u>
Algebraic proof	Algebraic fractions	Angles
Combinations	Circles	Area
Completing the square	Circle theorems	Bearings
Equation of quadratic graphs	Cumulative frequency	Binomial expansion
Estimation	Error intervals	Boundaries
Fractions	Inequalities	Circle theorem
Functions	Perpendicular lines	Compound interest
HCF/LCM	Percentages	Density
Indices	Probability	Direct proportion
Interpreting data - quartiles	Ratio	Enlargement
Plans and elevations	Rates of change	Frequency polygons
Probability	Re-arranging formula	Graph transformations
Proportion	Sampling	Histograms
Ratio	Sector area/circumference	Graphs of functions
Similar shapes	Standard form	Inequalities
Simultaneous equations	Straight line graphs	Indices
Surds	Trigonometry	Percentages
Transformations	Vectors	Pythagoras' theorem
Trigonometry	Volume	Quadratic sequences
Volume		Similar shapes and congruency
		Simultaneous equations
		Standard form
		Time series
		Venn diagrams