## Mathematics @

## Wootton Academy Trust

## Higher Roadmap (sets 1 \& 2)

Term 2
Ratio \& Proportion 5 Exponential growth \& review of ratio and proportion Number 3 - Bounds (inc calculations) \& review of

Number


Term 1
Algebra 8 -Equation of a circle \& transformations of graphs
Statistics 2 - Algebraic tree diagrams \& review of Probablity and Statistics

Term 2
Number 2 - Recurring decimals to fractions \& surds (rationalising) Statistics 2 - Histograms, boxplots \& sampling

Term 3
Algebra 5 - Non-linear sequences and simultaneous equations
Ratio \& Proportion 3 -
Further ratio \& further proportion

Term 4
Algebra 6-Algebraic
fractions, proof \& functions
Geometry 5 - Similar shapes,
circle theorems \& vectors

Term 6
Algebra 7 - Iteration to form sequences and solve equations
Review and intervention of Year 10

Term 6
Statistics 1 - Cumulative frequencey, grouped data \& comparing data Review and intervention of

Year 9

Term 5
Algebra 3-Rearranging equations \& simultaneous equations
Geometry 3 - Trigonometry of non-right angled triangles \& exact trig values

Term 3
Geometry 1-Angles, Pythagoras' theorem and trigonometry
Ratio \& Proportion 2 Percentage change, reverse percentages \& compound
interest

Term 2
Number 1 - Index laws, surds \& standard form
Ratio \& Proportion 1 Compound measures, ratio problems \& direct and inverse proportion

