



## Maths

	Year 7	Year 8	Year 9	Year 10	Year 11
Half Term 1	<b>1) Sequences</b> 2) Algebraic notation and substitution <b>3) Expressions and equations</b> (WK 1 baseline test, topic tests in bold)	<b>1) Ratio</b> 2) Proportion and scale <b>3) Algebraic manipulation</b> (WK 2/6 topic tests in bold)	<b>1) Properties of number</b> 2) Percentages <b>3) Area and volume</b> (WK 2/6 topic tests in bold)	<b>1) Number and inequalities</b> 2) Scatter graphs <b>3) Averages</b> 4) Sampling (WK 2/5 topic tests in bold)	<b>1) Sequences</b> 2) Compound measures <b>3) Quadratic graphs</b> 4) Solving quadratics (WK 2/5 topic tests in bold and mock exams (all 3 papers))
Half Term 2	<b>1) Place value, ordering and rounding</b> 2) Four operations <b>3) Averages and range</b> 4) Rounding and estimation (WK 6 summative assessment, topic tests in those in bold)	<b>1) Coordinates and graphs</b> 2) Multiply and divide fractions <b>3) Symmetry and reflection</b> (WK 3 topic test in bold, WK 6 summative assessment)	<b>1) Equations, inequalities and formulae</b> 2) Fractions <b>3) Rates</b> 4) Standard form (WK 2/5 topic tests in bold, WK 6 summative assessment)	<b>1) Rounding and approximation</b> 2) Expressions, formulae, expanding and factorising (WK 2 topic tests in bold, WK 4 summative assessment)	<b>1) Bearings</b> 2) Simultaneous equations <b>3) Similar shapes</b> 4) Constructions (WK 2/4 topic tests in bold)
Half Term 3	<b>1) Graphing data</b> 2) Fractions, decimals and percentages (WK 3 topic test in bold)	<b>1) Area, volume and density</b> 2) Equations and inequalities <b>3) Percentages</b> (WK 2/7 topic tests in bold)	<b>1) Maths and money</b> 2) Straight line graphs <b>3) Ratio and proportion</b> (WK 3/7 topic tests in bold)	<b>1) Solving linear equations</b> 2) Linear graphs <b>3) Probability</b> (WK 2/6 topic test in bold)	<b>1) Equations of circles</b> 2) Gradients (WK 2 topic test in bold and mock exams (all 3 papers))
Half Term 4	<b>1) Directed number</b> 2) Fractions and percentages of amounts 3) Perimeter and area (WK 3 topic test in bold and wk 5 summative assessment)	<b>1) Indices</b> 2) Standard form 3) Interpret and represent data (WK 2 topic test in bold and wk 5 summative assessment)	<b>1) Constructions and congruence</b> 2) Similarity 3) Algebraic manipulation (WK 2 topic test in bold and wk 5 summative assessment)	<b>1) Fractions</b> 2) Percentages <b>3) Ratio and proportion</b> (WK 2/5 topic test in bold and a summative assessment)	
Half Term 5	<b>1) Speed, distance and time</b> 2) Properties of number (WK 3 topic test in bold)	<b>1) Angles in parallel lines and polygons</b> 2) Tables and probability (WK 3 topic test in bold)	<b>1) Pythagoras' theorem</b> 2) Non-linear graphs <b>3) Probability</b> <b>(WK 3/6 topic test in bold)</b> Focus: Fair play and etiquette	<b>1) Indices</b> 2) Pythagoras theorem <b>3) Symmetry and transformations</b> 4) Real life graphs (WK 2/6 topic test in bold)	
Half Term 6	<b>1) Add and subtract fractions</b> 2) Angles and polygons (WK 3 topic test in bold and WK 4 summative assessment)	<b>1) Circles</b> 2) Graphs and charts 3) Sequences (WK 2 topic test in bold and WK 4 summative assessment)	<b>1) Transformations</b> 2) Simultaneous equations 3) Trigonometry (WK 2 topic test in bold and a foundation mock paper)	<b>1) Perimeter, area and volume</b> 2) Rearranging formulae 3) Graphs, tables and charts (WK 2 topic test in bold and a mock paper)	