

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<ul style="list-style-type: none"> Place Value Decimals Rounding BIDMAS Mental Calculations & Estimating Revision Baseline assessment - week beginning 27/9/21 	<ul style="list-style-type: none"> Negative numbers Using symbols Simplifying expressions Substituting into formulae Solving equations Online assessment - week beginning 13/12/21 	<ul style="list-style-type: none"> Area & Perimeter 3D shapes : surface area & volume Coordinates Transformations Revision Spring 1 assessment - week beginning 7/2/22 	<ul style="list-style-type: none"> Angle properties/facts Measuring and constructing Indices Factors, Multiples, Primes HCF/LCM, Prime factorisation Online assessment - week beginning 28/3/22 	<ul style="list-style-type: none"> Averages Fractions & decimals Arithmetic with fractions Percentages Substitution with decimals Ratio & Proportion 	<ul style="list-style-type: none"> Revision End of year exams- week beginning 20/6/22 Feedback week Informed weaknesses Alternative Learning
8	<ul style="list-style-type: none"> Area & Perimeter of basic shapes 3D Shapes: Volume & surface area Prime factorisation Substitution Co-ordinates Transformations Revision Autumn 1 assessment - week beginning 18/10/21 	<ul style="list-style-type: none"> Angle properties & facts Measuring & constructing Averages Fractions, Decimals, Percentages Online assessment - week beginning 13/12/21 	<ul style="list-style-type: none"> Using formulae Equations Linear graphs Revision Spring 1 assessment - week beginning 7/2/22 	<ul style="list-style-type: none"> Ratio & Proportion Polygons Parallel lines Pythagoras Enlargement & similarity Online assessment - week beginning 28/3/22 	<ul style="list-style-type: none"> Probability Data - collecting, representing and interpreting Real life graphs Revision 	<ul style="list-style-type: none"> Revision End of year exams- week beginning 20/6/22 Feedback week Informed weaknesses Alternative Learning
9	<ul style="list-style-type: none"> Number operations & place value, rounding, BIDMAS/ Basic Algebra Ratio / Scatter Graphs Angles Algebra - function machines and basic equations Linear graphs and parallel lines Revision Autumn 1 assessment - week beginning 18/10/21 	<ul style="list-style-type: none"> Negative numbers/ factors & multiples (F/H) Decimals / equations & formulae 2 (F/H) Charts & graphs/ collecting & representing data (F/H) Simplifying expressions/ proportion (F/H) Scale diagrams & bearings / co-ordinates & linear graphs (F/H) Online assessment - week beginning 13/12/21 	<ul style="list-style-type: none"> Factors, multiples, primes/ Fractions (F/H) Area & Perimeter / Parallel lines (F/H) Frequency tables/ sampling (F/H) Proportion/ scale diagrams & bearings (F/H) Revision Spring 1 assessment - week beginning 7/2/22 	<ul style="list-style-type: none"> Single brackets and factorising/ linear sequences (F/H) Powers & roots / direct proportion (F/H) Substitution and formulae / decimals (F/H) Direct proportion / quadratic sequences (F/H) Circles/ calculating with percentages (F/H) Online assessment - week beginning 28/3/22 	<ul style="list-style-type: none"> Collecting and representing data/ area & perimeter (F/H) Fractions/ real life graphs (F/H) Solving equations / ratio & proportion review (F/H) Probability/ quadratics FOIL (F/H) Transformations/ basic probability (F/H) Coordinates & gradient / quadratics 2 (F/H) 	<ul style="list-style-type: none"> Revision End of year exams- week beginning 20/6/22 Feedback week Informed weaknesses Alternative Learning
10	<ul style="list-style-type: none"> Rounding & Estimation / Percentages (F/H) Sequences/Inequalities (F/H) Percentages/Probability (F/H) Pythagoras' Theorem Proportion (F/H) FDP/ basic indices (F/H) Congruence & Similarity Online assessment - week beginning 18/10/21 	<ul style="list-style-type: none"> Add/subtract fractions and reciprocals/ quadratic inequalities (F/H) Scatter graphs/Probability tree diagrams (F/H) 2D representations of 3D shapes Calculations with percentages/Linear simultaneous equations (F/H) Autumn assessment - week beginning 13/12/21 	<ul style="list-style-type: none"> Pie charts/standard form (F/H) Multiply & Divide fractions/quadratic simultaneous equations (F/H) Scale factors, diagrams and maps/ Venn diagrams (F/H) Measures Real-life graphs/ rearranging formulae (F/H) Online assessment - week beginning 7/2/22 	<ul style="list-style-type: none"> Percentage change/direct and inverse proportion (F/H) Quadratics (FOIL & factorising) / Fractions review (F/H) Direct proportion graphs and problems/ linear and quadratic equations and their graphs (F/H) Construction and loci/ gradient and rate of change (F/H) Construction and loci Inequalities/ Linear and quadratic equations and their graphs 2 (F/H) 	<ul style="list-style-type: none"> Revision for exams End of year exams- week beginning 25/4/22 Inverse proportion/gradient and rate of change 2 (F/H) Probability/ sketching graphs (F/H) 	<ul style="list-style-type: none"> Rearranging formulae/ cumulative frequency (F/H) Time and other bits of measure / further algebra (F/H) Properties of polygons Sketching graphs/ Box plots (F/H) Indices/ Trigonometry (F/H)
11	<ul style="list-style-type: none"> Ratio/ Further quadratics (F/H) Algebra revision/ surds (F/H) Gradients & Rate of change/ Histograms (F/H) Arcs & Sectors Probability trees/ equations of circles (F/H) Venn diagrams/ algebraic proof (F/H) Volume of prisms/ rational numbers (F/H) Financial calculations & the product rule/ rational numbers (F/H) Online assessment - week beginning 18/10/21 	<ul style="list-style-type: none"> Revision of brackets, substitution & solving equations/ trigonometric graphs (F/H) Revision of fractions/ cones & spheres (F/H) Revision for PPEs Ratio review/ upper & lower bounds (F/H) Year 11 Trial exams - week beginning 29/11/21 	<ul style="list-style-type: none"> Cones & spheres/ functions & transformations of functions (F/H) Linear simultaneous equations / vectors (F/H) Trigonometry / iteration (F/H) Review of percentages / financial calculations and product rule Quadratic equations / pre calculus & area under the curve (F/H) Sampling / sine & cosine rule (F/H) Online assessment - week beginning 7/2/22 	<ul style="list-style-type: none"> Vectors/ circle theorems (F/H) Proportion review/ algebraic fractions (F/H) Growth & decay/ further indices (F/H) Revision 	<p style="text-align: center;">Revision</p>	<p style="text-align: center;">Exams</p>