	Autumn 1								Autumn 2							Spring 1						Spring 2						Summer 1					Summer 2						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
13	Algebraic Methods/Regression, Correlation & Hypothesis testing	Algebraic Methods/Regression, Correlation & Hypothesis testing	Algebraic Methods/Regression, Correlation & Hypothesis testing	Functions and Graphs/Conditional probability	Functions and Graphs/Conditional probability	Functions and Graphs/Conditional probability	Sequences and Series/Normal Distribution	Sequences and Series/Normal Distribution	Sequences and Series/Normal Distribution	Sequences and Series/Normal Distribution	Binomial Expansion/Moments	Binomial Expansion/Moments	Radians/Moments	Radians/Forces and friction	Trigonometric Functions/Forces and friction	Trigonometric Functions/Projectiles	Trigonometric Functions/Projectiles	Trigonometric Functions/Applications of forces	Trigonometric Functions/Applications of forces	Trigonometric Functions/Applications of forces	Parametric Equations/Further Kinematics	Parametric Equations/Further Kinematics	Differentiation /Further Kinematics	Differentiation /Numerical Methods	Differentiation /Numerical Methods	Differentiation /Vectors	Differentiation /Vectors	Integration /Integration	Integration /Integration	Integration /Integration	Exam Style practice							
12	Algebra & Functions/Quantities in Mech	Algebra & Functions/Kinematics	Algebra & Functions/Kinematics	Algebra & Functions/Kinematics	Algebra & Functions/Forces &Newtons laws	Algebra & Functions/Forces &Newtons laws	Algebra & Functions/Forces &Newtons laws	Algebra & Functions/Forces &Newtons laws	Algebra & Functions/Vectors 2D	Algebra & Functions/Vectors 2D	Coordinate Geometry/Vectors 2D	Coordinate Geometry/Vectors 2D	Coordinate Geometry/Kinematics 2	Trigonometry/Kinematics 2	Trigonometry/Stat sampling	Trigonometry/Data presentation	Further Algebra/Data presentation	Further Algebra/Data presentation	Further Algebra/Data presentation	Further Algebra/probability	Differentiation/Probability	Differentiation/Probability	Differentiation/Stats distribution	Differentiation/Stats distribution	Integration/stats distribution	Integration/stats Hyp test	Integration/stats Hyp test	Integration/Stats Hyp test	Integratn/stats Hyp test	Exp &Logs/Stats Hyp test	Exp &Logs/Stats Hyp test	Exp &Logs/Exam practice	Exp &Logs/Exam practice	Exp &Logs/Exam practice	Exam practice	Exam practice	Exam practice	Exam practice	Exam practice	Exam practice
11	Exam Prep 1	Exam Prep 1	Exam Prep 1	Exam 1	Therapy	Exam Prep 2	Exam Prep 2	Exam Prep 2	Exam 2	Exam Prep 3	Exam Prep 3	Exam Prep 3	Mocks	Mocks	Mocks	Review Mocks	Review Mocks	Review Mocks	GCSE prep	Maths GCSE	Maths GCSE																		
10	Ratio & Proportion simplifying Ratio Sharing in Ratio	Ratio & Proportion Scale Factors Area/Volume Scale Factors	Ratio & Proportion Direct/inverse proportion	Sequences Generating sequences Nth term rules	Sequences Quadratic sequences	Probability Relative Frequency Expected frequency	Probability Probability trees	Number Rounding Estimation	Number Rules of indices	Number Standard form	Number Surds	Algebra Factorising single brackets	Algebra Double brackets	Algebra Rearranging formulae	Linear graphs y = mx + c Parallel and perpendicular lines	Co-ordinate geometry	Simultaneous Equations Solving linear equations	Graphical solutions Solving by substitution	Algebra Trial and Improvement	Functions	Graphs Quadratic Cubic	Graphs Exponential	Graphs Translations	Circles Circle Theorems	Circles Circle Theorems	Trigonometry SOHCAHTOA Context	Trigonometry Cosine/Sine rules	Bearings	Compound measurements Converting measures	Quadratic Equations Solving by factorising	Quadratic Equations Formula	Graphs Graphs of quadratics	Graphs COmpleting the square	Simultaneous equations Solving quadratic and linear Graphing solutions	Grouped Frequency Histograms	Grouped Frequency Histograms	Vectors Column vectors	Vectors Algebraic notation	Inequalities Solving	Inequalities Graphing inequalities	Proof Recurring decimals	Proof Algebraic proofs
9	Fractions Multiply & divide	Fractions Add & subtract	Brackets Expanding single, double, triples	Subject of the formula Able to rearrange a formula	Polygons Sum of interior, regular polygons				Probability Sample space diagrams	Ratio & Percentage Change Linking fractions & ratio	Percentage Change Interest & Simple interest	Linear Equations Rearrange an equation & solve	Linear Equations Involving fractions			Geometry & Formula Link expressions to geometrical shapes	Congruent & Similar shapes Understanding congruence & similarity	Averages Mean, mode, median		Box plots & IQR Understanding quartiles & measures of spread	Expressions, formula & graphs Linking formulae & graphs	Direct & inverse proportion Linking two quantities using direct or inverse proportion	Graphs Linear & quadratic	Graphs Solving equations graphically : linear &	Pythagoras Missing sides in right angled triangles	Trigonometry Missing sides & angles	Standard Form Big & small Use of a calculator	Sequences nth term of a sequence Exploring the Fibonacci sequence	Compound Measures SDT Density	Proportional Reasoning Best value Currency Exchange	Modelling Real Life Situations Using formula in real life	Modelling Using formula in real life	Graphs Exponential, cubic & reciprocal graphs
8	Arithmetical Operations with Decimals and Negatives Using formal written methods for arithmetic		Linear Equations with unknown on both sides Solving linear equations in one variable (unknown on both sides)	Parallel, Alternate and Corresponding Understanding alternate and corresponding angles	Sets and Unions Using tables, grids, Venn and Carroll diagrams for sets and unions	Percentages Considering fractions and percentages as operators Working with percentages and percentage changes using fractions or decimals			Sequences and Relationships Finding the nth term of an artimetic sequence Interpreting linear relationships algebraically and graphically			Symmetries and Constructions Drawing polygons Working with standard ruler and compass constructions				Using Averages, RAnge and RElationships to Describe Data Understanding measures of central tendency and spread Using scatter graphs		Multiples, Factors and Primes Working with prime factors, LCM and HCF		Linear Equations: Graphically and Algebraically Working with graphs of linear functions Understanding gradient and intercept (y=mx+c)	Accuracy with Perimeter, Area nd Volume Calculating with approximations and finding possible range of errors Solving problems involving circumference and area of circles and shapes that include circular parts Deriving and using formula to find surface area and volume of prisms and cylinders	Dividing Quantities into Ratios Dividing Quantities into Ratios	Algebraic Expressions Factorising algebraic expressions	Translations, Rotations and Reflections Describing translations, rotations and reflections	Diagrams and Constructions Working with scale diagrams and maps Constructing similar shapes using enlargement
7	Working with Place Value Understanding Place Value Ordering numbers and using correct symbolism Working with termination decimals and corresponding fractions Expressing one quantity as a fraction of another			Introducing Algebra Knowing key terminology for algebra Using algebraic notation Simplifying expressions by collecting like terms and multiplying over a bracket		Lines and Angles Using correct conventions for drawing Using the properties of angles at a point, on a straight line and vertically opposite	The Probability Scale Understanding the probability scale Understanding tha tthe probabilities of all possible outcomes sum to 1	Powers, Roots and Rounding Using powers and roots Rounding to an appropriate degree of accuracy	Formulae, Sequences and Rules Substituting into formulae and expressions Generating terms of a sequence		Using Measurements Using standard units of measure Converting fluently between standard units Solving area nd volume problems by deriving and using formulae		Representing and Interpreting Data Constructing and interpreting tables and charts for grouped and ungrouped data		Order of Operations Using inverse operations Using order of operation Using a calculator	Linear Equations Solving linear equations in one variable	Properties of Shapes and Solids Deriving and illustrating properties of plane figures Using the properties of 3D shapes to solve problems	Ratio Representing and simplifying ratios	Graphs of Linear Functions Working with coordinates Graphing linear functions in one variable	Congruence and Scale Drawing Understanding similarity and congruence Drawing and measuring line segments, angles and scale drawings Constructing congruent triangles		