



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>7</b>	Working with number and place value Introduction to algebra Averages	Perimeter, area and volume Multiples and factors Expanding and factorising expressions Solving equations	Angle rules Fractions, decimals and percentages	Collection and representation of data Coordinates Linear graphs	Transformations Symmetry Probability	Ratio and proportion Surface area Plans and elevations Constructions
<b>8</b>	Estimation Bounds Compound measure Area of rectilinear shapes and circles	Expressions and formulae Fractions and recurring decimals Angles in parallel lines and bearings	Decimal calculations Equation of a line Transformations	Statistics Solving more complex equations Inequalities	Constructions Introduction to Loci Pythagoras Sequences	Sharing and combining ratio Experimental probability Relative frequency
<b>9</b>	Standard form, indices and surds Simultaneous equations Solving quadratic equations Solving inequalities	Angles in polygons Arcs and sectors Congruency Introduction to algebraic fractions	Percentages including reverse and compound Trigonometry	Multiples, factors and primes Sequences	Collection of data including sampling, questionnaires and hypothesis.	Processing and representing data.
<b>10</b>	Summarising data Graphs including parallel and perpendicular lines Scatter graphs	Solving quadratics Transformations Time series and moving averages	Constructions and loci Probability with Venn diagrams and conditional	Index numbers Probability distributions	GCSE Statistics Exam Preparation	Estimation Bounds
<b>11</b>	Gradient and area under curve (H) Further trigonometry (H) Direct and indirect proportion Real life graphs	Circle theorems (H) More complex graphs and interpretation Vectors	Algebraic fractions and proof (H) Conditional probability Tree Diagrams	GCSE Exam Preparation	GCSE Exam Preparation	GCSE Maths Exams
<b>12</b>	Algebraic expressions Quadratics Equations and inequalities Mechanical modelling Statistical measures	Graphs and transformations Circles Algebraic methods Constant acceleration Standard deviation and variance Correlation	Binomial expansion Trigonometric ratios, identities and equations Forces and motion Probability Binomial distribution	Vectors Differentiation Integration Variable acceleration Hypothesis testing	Exponential functions AS exam or mock preparation	Algebraic methods Functions and graphs Correlation Moments
<b>13</b>	Sequences and series Binomial expansion Set notation and conditional probability Forces and friction Projectiles	Radians Trigonometry and modelling Further trigonometry Application of Forces	Parametric equations Differentiation Integration Further kinematics Normal Distribution	Differentiation Integration Numerical methods Vectors	A2 Exam Preparation	