

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 10	Brief summary of unit	1 Expressions 2 Calculations 1 3 Angles	4 Data handling 5 Fractions, decimals and percentages	6 Formulae and functions 7 Working in 2D	8 Probability 9 Measures and accuracy 10 Angles in polygons	11 Equations and inequalities 12 Ratio and proportion 13 Factors, powers and roots	14 Circles 1 Year 10 Exams 15 Constructions and loci
	Detail	Terms and expressions Simplifying expressions Indices Expanding and factorising Place value Rounding Adding and subtracting Multiplying and dividing Angles and lines Triangles and quadrilaterals Congruence and similarity Polygon angles	Sampling Organising data Representing data Averages and spread Frequency diagrams Scatter graphs and correlation Decimals and fractions Fractions and percentages Calculations with fractions Fractions, decimals and percentages	Substituting into formulae Using standard formulae Equations, identities and functions Expanding and factorising double brackets Measuring lengths and angles Area of a 2D shape Transformations (rotations, reflections, enlargements and translations)	Probability experiments Expected outcomes Theoretical probability Mutually exclusive events Estimation and approximation Calculator methods Measures and accuracy Angles in polygons	Solving linear equations Solving quadratic equations algebraically and by factorising Simultaneous equations Inequalities Proportion Ratio and scales Percentage change Factors and multiples Prime factor decomposition Powers and roots	Circles 1 End of Year 10 Exams Constructions Loci
	Assessment	Test on... Expressions Calculations Angles	Test on... Data handling Fractions, decimals and percentages	Test on... Formulae and functions Working in 2D	Test on... All material covered in this term and previous terms	Test on... Equations and inequalities Ratio and proportion Factors, power and roots	Test on... All material covered throughout Year 10

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 11	Brief summary of unit	16 Graphs 1 17 Circles 2 18 Working in 3D	19 Calculations 2 20 Graphs 2	21 Pythagoras and trigonometry 22 Combined events	23 Sequences 24 Units and proportionality	Revision and preparation for GCSE Exam	Revision and preparation for GCSE Exam
	Detail	Drawing straight-line graphs Equation of a straight line Kinematic graphs The area and circumference of a circle The area and perimeter of parts of a circle and of a sector 3D shapes Volume of a prism Volume and surface area of spheres, pyramids, cones and composite solids	Calculating with roots and indices Exact calculations Standard form Properties of quadratic functions Sketching functions Real-life graphs Year 11 Mock GCSE Exams	Pythagoras' theorem Trigonometric ratios Vectors Venn diagrams and set notation Possibility space diagrams Tree diagrams	Sequence rules Finding the nth term Special sequences Compound units Direct proportion Inverse proportion Growth and decay		
Assessment		Test on... Constructions and loci Graphs 1 Circles 2 Working in 3D	GCSE Mock 1 Exam on all topics Weeks beginning 28 th November 2016 and 5 th December 2016	Test on... Calculations 2 Graphs 2 Pythagoras and trigonometry Combined events	GCSE Mock 2 Exam on all topics Week beginning 20 th February 2016	GCSE Paper 1 (Non-Calculator paper) Thursday 8 th June 2017	GCSE Paper 2 (Calculator paper) Thursday 8 th June 2017 Paper 3 (Calculator paper) Tuesday 13 th June 2017