



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	<p>Number work – BIDMAS, rounding, estimation, mental and written methods</p> <p>Angle Facts</p>	<p>Working with decimals</p> <p>Types of data and averages</p> <p>Fractions</p>	<p>Sequences</p> <p>Area and Perimeter of different shapes</p> <p>Algebra – Expressions</p>	<p>Types of number</p> <p>3D Shapes and volume</p>	<p>Fractions, decimals and percentages</p> <p>Co-ordinates and straight lines</p>	<p>Transformations</p> <p>Functional skills</p> <p>Problem Solving</p> <p>Investigations</p>
Year 8	<p>Conversion Graphs</p> <p>Calculations</p> <p>Statistics – charts, graphs and questionnaires</p>	<p>Sequences</p> <p>Solving Equations</p> <p>Simplifying algebraic expressions</p> <p>Transformations</p>	<p>Negative numbers</p> <p>Angle facts</p> <p>Angles in parallel lines and polygons</p> <p>Probability</p>	<p>Percentages, fractions and decimals</p> <p>Straight line graphs</p>	<p>Ratio and proportion</p> <p>Area and volume</p>	<p>Statistics – averages</p> <p>Investigations</p>
Year 9	<p>Pythagoras</p> <p>Formulae</p> <p>Sequences including quadratic</p>	<p>Circles</p> <p>Statistics – averages from frequency tables</p>	<p>Accuracy</p> <p>Indices</p> <p>Standard Form</p> <p>Volume</p>	<p>Percentages (including compound interest and % change)</p> <p>Solving equations</p>	<p>Scatter diagrams and pie charts</p> <p>Probability including tree diagrams</p> <p>Working with decimals</p> <p>Angles (harder)</p>	<p>Simultaneous equations and graphs</p> <p>Loci and construction</p> <p>Congruence and similarity</p>



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 10 Foundation	Calculations and expressions	Angles and polygons Fractions, decimals and percentages	Handling data 1 Formulae and functions	Working in 2D Probability	Measures and accuracy Equations and inequalities	Exam practice Circles and constructions
Year 10 Higher	Calculations Expressions Angles and polygons	Handling data 1 Fractions, decimals and percentages	Formulae and functions Working in 2D Probability	Measures and accuracy Equations and inequalities	Circles and constructions Ratio and proportion	Factors, powers and roots Graphs 1
Year 11 Foundation	Polygons Probability Indices and Standard Form	Straight line graphs Circles, sectors and spheres Construction and Loci Pythagoras and trigonometry	Transformations 3D shapes and symmetry Quadratic equations and graphs	Similarity and congruence Simultaneous equations Vectors	Revision	Revision and exams
Year 11 Higher	Trigonometry Quadratic, cubic and reciprocal graphs Constructions and loci Direct and inverse proportion	Inequalities Congruence and similarity Circle theorems Functions	Transformations of functions Sine and cosine rule Simultaneous equations (substitution) Vectors	Revision	Revision	Revision and exams



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
		Circles, cones, pyramids and spheres	Area under a curve			
Year 12	Algebra and functions Quadratic functions Equations and inequalities Sequences and series	Coordinate Geometry in the (x,y) plane Differentiation Integration Representation and summary of data Representation of data Probability	Algebra and functions Sine and cosine rule Exponentials and Logarithms Coordinate Geometry (circles) Correlation Regression	Binomial expansion Radians Geometric sequences and series Graphs of trigonometric functions Differentiation	Discrete Random variables Normal Distribution Trigonometrical identities and equations Integration	Algebraic fractions Functions Revision and exams
Year 13	Exponential and log functions Numerical methods Binomial Distribution Poisson Distribution	Transforming graphs of functions Trigonometry Further trigonometric identities Differentiation Continuous random variables	Partial fractions Coordinate geometry (parametric equations) Binomial expansion Populations and samples Hypothesis Testing	Differentiation Vectors Integration part 1	Integration part 2 Revision	Revision and exams



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
		Continuous uniform distribution Normal approximations				