Year 7

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	**Unit 1. Number Sense and Calculations.** Number Sense Adding and Subtracting Multiplying Dividing Calculating with negatives Order of Operations	**Unit 2. Expressions and Equations** Expressions Substitution Solving Equations **Unit 3. Measures** Time Measures **Unit 4. 2D Shapes** Line and Shape Properties **Unit 5. Perimeter and area** Calculate Perimeter of Shapes Calculate Area of Shapes	**Unit 6. Coordinates** Coordinate plotting and Shapes **Unit 7. Factors, multiples & primes** Factors and Multiple of numbers Calculations with primes **Unit 8. Fractions** Working with Fractions Writing and comparing Adding and subtracting with fractions	**Unit 9. Brackets** Working with single brackets **Unit 10. Angles** Angles Facts Finding Unknown angles	**Unit 11. Handling data and statistical diagrams** Averages and Range Tables and Charts Collecting and Presenting Data **Unit 12. Proportion** Proportion Word Problems	**Unit 13. Fractions, decimals and percentages** Multiplying and Dividing Fractions Fractions of Amounts Conversions **Unit 14. Probability** Theoretical Probability
Assessments	Interim Class Check Point	End of Term PP1 Assessment	Interim Class Check Point	End of Term PP2 Assessment	Interim Class Check Point	End of Year PP3 Assessment

Year 8

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 8	**Unit 1. Number Sense and Calculations.** Number Sense Adding and Subtracting Multiplying Dividing Calculating with negatives Order of Operations	**Unit 2. Expressions and Equations** Expressions Substitution Solving Equations **Unit 3. Measures** Time Measures **Unit 4. 2D Shapes** Line and Shape Properties **Unit 5. Perimeter and area** Calculate Perimeter of Shapes Calculate Area of Shapes	**Unit 6. Coordinates** Coordinate plotting and Shapes **Unit 7. Factors, multiples & primes** Factors and Multiple of numbers Calculations with primes **Unit 8. Fractions** Working with Fractions Writing and comparing Adding and subtracting with fractions	**Unit 9. Brackets** Working with single brackets **Unit 10. Angles** Angles Facts Finding Unknown angles	**Unit 11. Handling data and statistical diagrams** Averages and Range Tables and Charts Collecting and Presenting Data **Unit 12. Proportion** Proportion Word Problems	**Unit 13. Fractions, decimals and percentages** Multiplying and Dividing Fractions Fractions of Amounts Conversions **Unit 14. Probability** Theoretical Probability
Assessments	Interim Class Check Point	End of Term PP1 Assessment	Interim Class Check Point	End of Term PP2 Assessment	Interim Class Check Point	End of Year PP3 Assessment

Year 9

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	**Unit 1. Fractions and Percentages** Fractions, decimals and percentages review Percentage change **Unit 2. Probability** Theoretical and experimental probability **Unit 3. Standard Form** Calculations with standard form **Unit 4. Inequalities** Linear Inequalities **Unit 5. Quadratic Equations** Expand double brackets Factorise quadratics	**Unit 6. Formulae** Rearranging formula **Unit 7. Constructions** Constructing bisectors and perpendicular lines **Unit 8. Circles** Circle and Cylinders **Unit 9. Rounding** Error Intervals **Unit 10. 3D Shapes.** Representation of 3D Shape	**Unit 11. Pythagoras' Theorem** Pythagoras' theorem in 2D **Unit 12. Ratio and Proportion** Ratio Proportion Problems with words **Unit 13. Linear Graphs** Plotting Graphs and Finding Equations	**Unit 14. Compound Measures** Speed and Rates **Unit 15. Motion Time Graphs** Distance Time Graphs **Unit 16. Quadratic Graphs** Plotting and interpreting Quadratics	**Unit 17. Angles and Bearings** Angles Bearings **Unit 18. Transformations** Describing Transforming shapes **Unit 19. Similarity and Congruence** Understanding similarity and congruence	**Unit 20. Vectors** Column Vectors **UNIT 1 GCSE. Handling Data** Collecting and presenting data Using Grouped Data
Assessments	Interim Class Check Point	End of Term PP1 Assessment	Interim Class Check Point	End of Term PP2 Assessment	Interim Class Check Point	End of Year PP3 Assessment

Higher GCSE

Higher GCSE	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	**Unit 2 Algebra skills** Algebraic Indices Sequences Expanding and Factorising Equations Quadratics Inequalities Formula Algebraic proof	**Unit 3 Number skills** Place Value Indices Standard Form Surds Bounds **Unit 4 Angles and triangles** Angles in 2D shapes Angles in Parallel lines Pythagoras Bearings Trigonometry in right angled triangles 3D Pythagoras and Trigonometry Advanced Trigonometry	**Unit 5 Probability** Combined events Mutually exclusive events Relative Frequency Tree Diagrams Venn Diagrams	**Unit 6 Fractions, decimals and percentages** Fractions Decimals Percentages Comparing fractions, decimals and percentages Ratio Proportion Algebraic fractions Compound Measures	**Unit 7 Further statistics** Sampling Cumulative Frequency Box Plots Histograms	**Unit 8 Circle Theorems** Circle Theorems **Unit 9 Graphs** Linear graphs Rates of change Real life graphs Parallel and perpendicular graphs Quadratic graphs Cubic and recipricol graphs Equation of a circle Inequalities and regions
	Unit 1 and 2	Unit 3 and 4	Unit 5	Year 10 Exam	Unit 6	Unit 7 and 8

Higher GCSE	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11	**Unit 10 Area and Volume** Area and Perimeter Volume and Surface Area Units of area and Volume Similarity **Unit 11 Further Algebra** Simultaneous Equations Functions Graph Transformations	**Unit 12 Transformations** 3D Solids Transformations Constructions Loci Similarity	**Unit 13 Vectors** Vector notation and arithmetic Geometric Problems	Revision	Revision	
Assessments	Unit 9 and 10	Unit 11 and Trial 1	Unit 12 and Unit 13	Trial 2	GCSE EXAM	

Foundation GCSE

Foundation GCSE	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	**Unit 2 Algebra skills** Expressions Formula Brackets Factorise Equations Inequalities Sequences	**Unit 3 Number skills** Calculations Decimals Rounding Properties of Number Prime Fcators Index Form Standard Form **Unit 4 Angles in 2D Shapes** Angles in 2D shapes Angle facts Angles Iin Polygons Angles in Parallel Lines Geometric Problems Bearings	**Unit 6 Fractions and percentages** Fractions Percentages	**Unit 5 Probability** Calculating Probabilities Tree Diagrams Venn Diagrams **Unit 7 Ratio** Ratio Proportion Compound Measures	**Unit 8 Right Angled Triangles** Pythagoras Trigonometry	**Unit 9 Perimeter, Area and Volume** Area and Perimeter Surface Area Volume Converting Units
Assessments	Unit 1 and 2	Unit 3 and 4	Unit 5	Year 10 Exam	Unit 6	Unit 7 and 8

Foundation GCSE	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11	**Unit 10 Graphs** Coordinates Linear Graphs Real life Graphs Quadratic Graphs Non-linear graphs **Unit 11 Further Algebra** Simultaneous Equations Graphing Simultaneous Equations Proof	**Unit 12 Construction and Loci** 3D Solids Constructions Loci **Unit 13 Transformations** Translations Reflections Rotation Enlargements Combined Transformations	**Unit 13 Congrunce, Similarity and Vectors** Similarity Congruence Vectors	Revision		
Assessments	Unit 9 and 10	Unit 11 and Trial 1	Unit 12 and Unit 13	Trial 2	GCSE EXAM	