	Autumn		**Spring**		**Summer**	
Y7	**HT1**	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Place Value* • *Arithmetic Procedures with Integers and Decimals* • *Properties of Number*	• *Expressions and Equations* • *Coordinates and Sequences*	• Arithmetic Procedures with Fractions	• Multiplicative Relationships with Fractions and Ratio	• *Calculations with Percentages* • *Perimeter and Area*	• Lines and Angles • Transformations
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

Y8	Autumn		Spring		Summer	
	HT1	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Rounding and Estimation* • *Perimeter and Area (inc. Circles)* • *Powers, Roots and Brackets* • *Expressions and Equations*	• *Expressions and Equations Contd.* • *HCF and LCM* • *Volume*	• Decimal and Negative Number Calculations • Multiplicative Relationships	• Sequences and Coordinates • Angles and Shape	• *Fraction Calculations* • *Fractions, Decimals and Percentages* • *Proportionality*	• Probability • Statistical Representation • Reflections and Enlargement
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

	Autumn		**Spring**		**Summer**	
Y9 **Mixed**	**HT1**	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Decimals* • *Expressions* • *Substitution* • *Perimeter, Area and Volume* • *Indices, Powers and Roots* • *Tables, Charts and Graphs*	• *Properties of Shapes, Parallel Lines and Angle Facts* • *Equations and Inequalities* • *Factors, Multiples and Primes* • *Construction, Loci and Bearings*	• Probability • Fractions, Decimals and Percentages • Percentages • Ratio	• Proportion • Pie Charts • Scatter Graphs • Perimeter, Area and Volume	• *Straight Line Graphs* • *Sequences* • *Pythagoras* • *Trigonometry* • *Equations and Inequalities* • *Circles, Cylinders, Cones and Spheres* • *Indices and Standard Form*	• Quadratic Equations • Real-Life Graphs • Statistical Sampling and Averages • Similarity and Congruence
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

Y9 Higher	Autumn		Spring		Summer	
	HT1	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Algebra Basics* • *Indices, Powers and Roots* • *Scatter Graphs* • *Perimeter, Area and Circles* • *Accuracy and Bounds* • *Cumulative Frequency* • *Boxplots* • *Histograms*	• *Polygons and Parallel Lines* • *Pythagoras* • *Trigonometry* • *Factors, Multiples and Primes* • *Standard Form* • *Probability*	• Probability – Venn Diagrams • Fractions and Percentages • Ratio and Proportion	• Solving Quadratic and Simultaneous Equations • Pie Charts • Averages and Range	• *Straight Line Graphs and Coordinate Geometry* • *Inequalities* • *Volume of Cylinders, Cones and Spheres* • *Real-Life Graphs* • *Sequences* • *Direct and Inverse Proportion*	• Similarity and Congruence • Construction, Loci and Bearing • Quadratics – Sketching • Graphs of Circles • Transformations
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

	Autumn		Spring		Summer	
Y10 **Foundation**	**HT1**	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Statistics, Sampling and Averages* • *Algebra – the basics* • *Transformations* • *Expressions and Substitution* • *Equations and Inequalities*	• *Properties of Shapes, Parallel Lines and Angle Facts* • *Exterior and Interior Angles* • *Indices, Powers and Roots* • *Probability*	• Probability • Factors, Multiples and Primes • Fractions, Decimals and Percentages • Percentages • Plans and Elevations	• Ratio • Proportion • Real-Life Graphs	• *Straight Line Graphs* • Perimeter, Area and Volume • Tables, Charts and Graphs • Pie Charts • Scatter Graphs • *Pythagoras* • *Trigonometry* • *Quadratic Equations*	• Circles, Cylinders, Cones and Spheres • Revision • Work Experience
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

	Autumn		**Spring**		**Summer**	
Y10 **Intermediate**	**HT1**	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Averages and Range* • *Representing and Interpreting Data* • *Pie Charts* • *Algebra – the basics* • *Factors, Multiples and Primes* • *Pythagoras* • *Trigonometry* • *Solving Quadratic and Simultaneous Equations*	• *Polygons, Angles and Parallel Lines* • *Linear Graphs and Coordinate Geometry* • *Constructions, Loci and Bearings.* • *Probability*	• Fractions and Percentages • Ratio and Proportion • Accuracy and Bounds	• Direct and Inverse Proportion • Scatter Graphs • Perimeter, Area and Circles	• *Volumes Cylinders, Cones and Spheres* • *Sequences* • *Real-Life Graphs* • *Similarity and Congruence* • *Quadratics* • *Quadratic, Cubic and Other Graphs* • Transformations	• Vectors and Geometric Proof • Revision • Work Experience
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

	Autumn		Spring		Summer	
Y10 **Higher**	**HT1**	**HT2**	**HT3**	**HT4**	**HT5**	**HT6**
Curriculum content	• *Averages and Range* • *Algebra – the basics* • *Factors, Multiples and Primes* • *Standard Form* • *Surds* • *Sequences* • *Transformations* • *Pythagoras* • *Trigonometry*	• *Solving Quadratic and Simultaneous Equations* • *Polygons, Angles and Parallel Lines* • *Linear Graphs and Coordinate Geometry* • *Circle Theorems* • *Indices, Roots and Reciprocals* • *Probability*	• Fractions and Percentages • Algebraic Fractions • Ratio and Proportion • Accuracy and Bounds	• Representing and Interpreting Data • Scatter Graphs • Perimeter, Area and Circles • Volumes of Cylinders, Cones and Spheres • Collecting Data • Cumulative Frequency • Boxplots	• *Inequalities* • *Volume and Surface Area* • *Real-Life Graphs* • *Further Trigonometry* • *Direct and Inverse Proportion* • *Graphs of Trigonometric Functions* • *Similarity and Congruence*	• *Quadratic, Cubic and Other Graphs* • Revision • Work Experience
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.					
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.					

	Autumn	**Spring**	**Summer**
Y11			

Curriculum content	Specific topic focus informed by end of term exams in year 10 from the following:
	1. Number
	2. Algebra
	3. Ratio, Proportion and Rates
	4. Geometry and Measures
	5. Statistics and Probability
	All topics include fluency, reasoning and problem solving practice to prepare for mock exams.
	All students will complete maths genie homework, directed by their maths group.
		Structured scheme of work formed of:
		• In-class exam paper with answers modelled by teacher
		• Check-in and themed lesson with topics identified from the exam lesson taken from GCSE syllabus:
		   • Number
		   • Algebra
		   • Ratio, Proportion and Rates
		   • Geometry and Measures
		   • Statistics and Probability
		• Target and booster lessons
		  Specific graded exam questions
			Structured scheme of work formed of:
			• In-class exam
			   Answers modelled by teacher
			• Check-in lesson
			   Topic identified from exam lesson
			• Theme lesson
			   Practice of topic from check-in
			• Target and booster lessons
			   Specific graded exam questions

Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.		
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.		

	Autumn	**Spring**	**Summer**
Y12			
Curriculum content	• Modelling • Quadratics • Graphs and Transformations • Equations and Inequalities • SUVAT • Trigonometry • Trigonometric Equations • Vectors • Forces and Friction • Straight Line Graphs • Circles • Algebraic Methods	• Trigonometry (2) • Binomials • Vectors (2) • Variable Acceleration • Forces and Friction (2) • Differentiation • Integration	• Exponential and Logarithms • Radians • Trapezium Rule • Differentiation Modelling • Partial Fractions • Binomial (2)
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.		
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.		

	Autumn	**Spring**	**Summer**
Y13			
Curriculum content	• Sequences and Series • Differentiation (2) • Parametric Equations • Integration (2) • Algebraic Methods • Functions and Graphs • Numerical Methods	• Probability • Large Data Set • Measures of Location and Spread • Projectiles • Further Kinematics	• Statistical Distributions • Binomial Hypothesis Testing • Normal Hypothesis Testing • Correlation and Linear Regression
Assessment	Students are assessed through marking of red zones (self, peer and/or teacher) and assessments every half term. These will test student's knowledge recall and application of knowledge.		
Literacy links	Students will develop literacy skills through regular practice of command words such as describe, explain, assess and evaluate.		