

Year 8

During the course of year 8, the students follow a scheme of work created using the National Curriculum Framework. This is tailored to the needs of individual students' mathematical ability to ensure progress across the year.

Autumn Term		
Module	Description	Duration
Algebra 1	Sequences	2 weeks
Number 1	Decimals and the Four Operations	2 weeks
Geometry and Measures 1	Perimeter and Area	1 week
Number 2	Fractions	2 weeks
Statistics 1	Probability and Averages	2 weeks
Algebra 2	Building and Simplifying Expressions	2 weeks
Geometry and Measures 2	Angles	2 weeks
Spring Term		
Module	Description	Duration
Statistics 2	Planning a Statistical Enquiry and Using Graphs and Charts	3 weeks
Number 3	Rounding and BIDMAS	2 weeks
Algebra 3	Straight Line Graphs	2 weeks
Geometry and Measures 3	Properties of Shape and Construction	1 week
Number 4	Percentages, Ratio and Proportion	2 weeks
Algebra 4	Solving Equations and Using Formulae	2 weeks
Summer Term		
Module	Description	Duration
Geometry and Measures 4	Transformations	2 weeks
Statistics 3	Representing, Interpreting and Analysing Data	3 weeks
Number 5	Numbers and the Calculator	2 weeks
Algebra 5	Functions and Graphs	3 weeks
Geometry and Measures 5	Construction of 2-D and 3-D Shapes	2 weeks

Students are assessed on a half termly basis using the Alfiesoft, on-line assessment program. Each student will receive detailed feedback upon completion of the test, which will highlight their individual strengths, weaknesses and ways forward.