

Overview of the year: Number Algebra Ratio and Proportion Geometry and Measures Statistics and Probability			Ways to consolidate and extend your learning in Maths: Can use Maths genie questions & worked solutions. Use of Corbett- Maths Use of Mathletics Weekly Maths watch HW with assigned MathsWatch clip numbers Use Lesson PPTs and revision specific materials uploaded on Microsoft Teams.	
Half Term	Unit title	Knowledge	Skills	Assessment
1	Number- 1 Algebra -1	Powers and roots- Indices, Standard form, Expression and formulae, substitution, expand and factorise, change the subject of the formula.	Basic number skills, Can solve problems by applying their mathematics to a variety of routine and non-routine problems. Can break down problems into a series of simpler steps and persevere in seeking solutions.	Mid-phase assessment Investigation Project
2	Statistics -1 Ratio and Proportion-1	Data collection Frequency polygon Multiplicative reasoning- Understanding ratio	Ability to manipulate precise and intricate ideas. Graphical/statistical skills – analysing data from graphs Ability to reach conclusions.	End of term topic test- Written assessment.
3	Geometry and Measures -1 Algebra 2	construction Equations- linear equation and simultaneous Equations Inequalities	Reason mathematically, critical thinking problem solving, analytical thinking quantitative reasoning	Mid-phase assessment Investigation Project
4	Geometry and Measures -2 Number 2	Area and circumference of a circle Pythagoras theorem Volume of a Prism Bounds and error intervals	critical thinking, problem solving, quantitative reasoning,	End of term topic test- Written assessment.
5	Algebra -3 Statistics and probability- 2	Sequences and graphs Equation of a line Probability	critical thinking, problem solving quantitative reasoning, construct logical arguments and expose illogical arguments	Mid-phase assessment Investigation Project
6	Geometry and measures- 3	Trigonometry	critical thinking, problem solving quantitative reasoning, ability to manipulate precise and intricate ideas	End of year test- Written assessment