

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 Mathematics 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	Statistics-1 Number- 1	Analysing and display data Basic arithmetic Indices, Highest common factor, Lowest common multiple.	Graphical/statistical skills – analysing data from graphs Ability to reach conclusions Basic number skills	Mid phase assessment Investigation Project
2	Number -2 Algebra-1	Estimation Equation, functions, and formulae Fractions	Can solve problems by applying their mathematics to a variety of routine and non-routine problem  Can break down problems into a series of simpler steps and persevere in seeking solutions.	End of term topic test- Written assessment
3	Geometry and Measures- 1 Number -3	Angles and shapes Transformation Decimals	Reason mathematically, critical thinking problem solving, analytical thinking quantitative reasoning.	Mid phase assessment Investigation Project
4	Number -4 Algebra-2	Percentages Equations- Linear and non- linear equation	Critical thinking, problem solving, quantitative reasoning, construct logical arguments and expose illogical arguments.	End of term topic test- Written assessment
5	Ratio and Proportion -1 Geometry and measure- 2	Multiplicative reasoning Area and Perimeter of 2d shapes	Critical thinking, problem solving quantitative reasoning.	Mid phase assessment Investigation Project
6	Geometry and measure -3 Algebra -3	Nets, Surface area and Volume of 3D shapes Sequences Linear graphs	Critical thinking, problem solving quantitative reasoning, ability to manipulate precise and intricate ideas.	End of year test- Written assessment