Maths	Autumn Term	Spring term	Summer term	Assessment of learning	Enrichment opportunities
Year 7	Pupils will follow the Whiterose maths SOW Sequences Algebraic notation Equality and equivalence Place value and decimals Fraction, decimals and percentage equivalence	Solving problems with addition and subtraction Solving problems with multiplication and division Fraction and percentage of amounts. Operations and equations with negative numbers Adding and subtracting fractions	Angles and measurement Mental mathematics Probability Prime numbers and proof.	Pupils in all year groups will complete a topic review at the end of a learning cycle (approx every 3 weeks). This will match what they have covered in their lessons. We use progression steps for homework booklets that pupils complete once per fortnight. These cover all topic areas at a different levels to aid retention of knowledge. Other homework will be set based on what pupils have covered in their lessons	Pupils have their own individual login for Vle.mathswtach.co.uk This has videos and interactive questions for them to use at home for revision or to help with homework.
Year 8	Pupils will complete 3 units at a level appropriate to their ability. Topics include: Number – Decimals, factors, multiples, primes, indices, negatives and standard form Algebra- Expressions, equations, inequalities, and formulae Shape - Angles, properties of shape, Pythagoras and trigonometry	Pupils will complete 3 units at a level appropriate to their ability. Topics include: Number – Fractions, percentages, ratio and proportion Shape – Perimeter, area, volumes and measures Algebra – Sequences and graphs	Pupils will complete 3 units at a level appropriate to their ability. Topics include: Data – Averages, bar charts, pie charts, scatter graphs, stem and leaf diagrams, tree diagrams, Venn diagrams and probability. Shape – Symmetry, coordinates, transformations, similarity, maps and scale,		We are registered with www.parallel.org.uk . This is for ambitious pupils who want to try some interesting aspects of maths which are not covered in the national curriculum.
Year 9				Years 7-9 Once per term pupils will complete an exam which which covers content that has been taught that term . Pupils will be provided with a revision list and mathswatch clips to help them revise.	
Year 10	Pupils will complete 3 units at a level appropriate to their ability. Topics include: Number – Decimals, factors, multiples, primes, indices, negatives and standard form Algebra- Expressions, equations, inequalities, and formulae Shape - Angles, properties of shape, Pythagoras and trigonometry	Pupils will complete 3 units at a level appropriate to their ability. Topics include: Number – Fractions, percentages, ratio and proportion Shape – Perimeter, area, volumes and measures Algebra – Sequences and graphs	Pupils will complete 3 units at a level appropriate to their ability. Topics include: Data – Averages, bar charts, pie charts, scatter graphs, stem and leaf diagrams, tree diagrams, Venn diagrams and probability. Shape – Symmetry, coordinates, transformations, similarity, maps and scale.	Years 10&11 Once per term pupils will complete a mock exam which covers all aspects of the curriculum, these are split into foundation and higher. Pupils will be provided with a revision list and mathswatch	Pupils will have the opportunity to enter competitions and events run by AMSP, nrich and UKMT
Year 11	Foundation Ratio, Pythagoras, trigonometry, quadratics, volume, constructions and loci Higher Percentages, similarity, trigonometry. Graphs, quadratics, histograms and circle theorems.	Foundation Fractions, indices, standard form, percentages and simultaneous equations. Higher Vectors, proof, surds, algebraic fractions, functions and graphs	Revision for GCSE This will include past papers and specific topic revision	clips to help them revise. The exam board we use is Edexcel	Pupils will be given a methodmaths login to complete exam questions at home. Pupils in the top set will have the opportunity to study a GCSE in further maths in enrichment time