



**Hazel** Wood  
High School

Part of the

**Oak**



Learning Partnership

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# Maths Curriculum Overview 2023 **Hazel Wood High School**



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High School

## **Our Curriculum:**

As a knowledge-based subject, we believe that knowledge is the key to our students having a deeper understanding. Our curriculum allows our students to build on what they already know and develop the skills required to understand the application of maths in the real world.

Our curriculum is sequenced carefully to ensure a balanced delivery of content across the five strands (geometry, ratio and proportion, algebra, number and statistics) and to ensure it is delivered to ensure progress over time.

Our curriculum follows blocked schemes of work, which allows for depth and breadth of learning within each strand of mathematics. Each block of learning includes opportunities to develop fluency skills; construct chains of reasoning using relevant knowledge, alongside relevant terminology; and solve increasingly complex problems in a systematic and coherent way.

Key Stage 4 students will follow foundation, crossover or higher pathway. This scheme of work allows students to work at the level appropriate to them. Students continue to study the full range of the maths curriculum strands, in line with Edexcel GCSE specification. Following on from KS3, they continue to have opportunities to solve problems and explain their reasoning with an increase in GCSE-Style exam questions.





Qualification Title : Mathematics						
Year 7	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	<ul style="list-style-type: none"> <li>- Sequences</li> <li>- Negative Numbers (4 Operations)</li> <li>- Understand &amp; Use Algebraic Notation</li> <li>- Equality and Equivalence</li> </ul>	<ul style="list-style-type: none"> <li>- Equality &amp; Equivalence</li> <li>- Place Value &amp; Ordering Integers &amp; Decimals</li> <li>- Fraction, Decimal &amp; Percentage Equivalence</li> <li>- Solving Problems with Addition &amp; Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>- Solving Problems with Addition &amp; Subtraction</li> <li>- Solving Problems with Multiplication &amp; Division</li> <li>- Fractions &amp; Percentages of Amounts</li> <li>- Operations &amp; Equations with Directed Number</li> </ul>	<ul style="list-style-type: none"> <li>- Operations &amp; Equations with Directed Number</li> <li>- Addition &amp; Subtraction of Fractions</li> </ul>	<ul style="list-style-type: none"> <li>- Constructing, Measuring &amp; Using Geometric Notation</li> <li>- Developing Geometric Reasoning</li> </ul>	<ul style="list-style-type: none"> <li>- Developing Number Sense</li> <li>- Sets &amp; Probability</li> <li>- Prime Numbers &amp; Proof</li> <li>- Consolidation</li> </ul>
<b>Key Knowledge and understanding that enables skill building.</b>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Describe and continue sequences in diagram and number forms, both linear and non-linear</li> <li>• Compare numerical and graphical forms</li> <li>• Use single function machines and series of two functions with numbers, bar models and letters</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Understand equality</li> <li>• Use fact families</li> <li>• Form and solve one-step equations</li> <li>• Understand equivalence of algebraic expressions</li> <li>• Collect like terms</li> <li>• Recognise and use integer place value up to one million</li> <li>• Recognise and use decimal place value to a least hundredth</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Use mental and formal written methods of addition with integers and decimals, including choosing the most appropriate method</li> <li>• Solve problems in context of perimeter, money and frequency trees and tables</li> <li>• Solve problems in the context of bar charts and line charts</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Order directed numbers, both in contextualised and abstract situations</li> <li>• Revisit four operations to include directed number</li> <li>• Use a calculator with directed number</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Understand and use letting and labelling notations for lines and angles</li> <li>• Draw and measure lines and angles accurately</li> <li>• Classify angles</li> <li>• Identify and draw parallel and perpendicular lines</li> <li>• Recognise types of triangle,</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Mental arithmetic strategies</li> <li>• Use known facts to derive other facts</li> <li>• Evaluate an algebraic expression given a related fact</li> <li>• Use estimation</li> <li>• Understand and use set notation</li> <li>• Draw and interpret Venn Diagrams</li> </ul>



	<ul style="list-style-type: none"> <li>• Use and interpret algebraic notations</li> <li>• Form and substitute into expressions, including to generate sequences</li> <li>• Represent functions graphically</li> <li>• Understand equality</li> <li>• Use fact families</li> <li>• Form and solve one-step equations</li> <li>• Understand equivalence of algebraic expressions</li> <li>• Collect like terms</li> </ul>	<ul style="list-style-type: none"> <li>• Work out intervals and use number lines</li> <li>• Use ordered lists to find the range and the median of a set of numbers</li> <li>• Round numbers to positive powers of ten</li> <li>• Round numbers to one significant figure</li> <li>• Represent tenths and hundredths on diagrams and number lines</li> <li>• Interchange between fractions, decimals and percentages for multiples of one tenth and one quarter</li> <li>• Interpret pie charts</li> <li>• Equivalent Fractions</li> <li>• Convert between other fractions, decimals and percentages</li> </ul>	<ul style="list-style-type: none"> <li>• Multiply by 10, 100 and 1000, 0.1 and 0.01, and convert metric units</li> <li>• Use mental and formal methods of multiplication and division</li> <li>• Find the HCF and LCM of small numbers</li> <li>• Evaluate areas of triangles, rectangles and parallelograms</li> <li>• Find the mean of a set of numbers</li> <li>• Find simple fractions and percentages of amounts</li> <li>• Begin to use the order of operations</li> <li>• Work out simple fractions and percentages of amounts, with and without a calculator</li> </ul>	<ul style="list-style-type: none"> <li>• Solve two-step equations (with and without a calculator)</li> <li>• Use the order of operations</li> <li>• Represent tenths and hundredths on diagrams and number lines</li> <li>• Convert mixed numbers and improper fractions</li> <li>• Add and subtract fractions</li> <li>• Add and subtract fractions and decimals</li> </ul>	<ul style="list-style-type: none"> <li>• quadrilaterals and other polygons</li> <li>• Construct triangles given SSS, SAS, ASA</li> <li>• Draw and interpret pie charts</li> <li>• Calculate and use angles at a point, angles on a straight line and vertically opposite angles</li> <li>• Calculate missing angles in triangles and quadrilaterals</li> </ul>	<ul style="list-style-type: none"> <li>• Understand and use the language of probability</li> <li>• Calculate the probability of a single event</li> <li>• Use the sum of probabilities of an event is 1</li> <li>• Recognise prime, square and triangle numbers</li> <li>• Express a number as a product of prime factors</li> <li>• Powers and Roots</li> <li>• Make and test conjectures</li> <li>• Understand and use counterexamples</li> </ul>
<b>Vocabulary</b>	All lessons will introduce key terminology at the start of each step to ensure that students know key words and subject terminology. In addition to this, the key terminology is recalled and retrieved in lessons and assessments. Students are to write key words in their glossaries and their meanings.					
<b>Assessment</b>	At the end of each unit of study, our students will complete an end of block assessment. Students record these scores in their books and teachers use the results from assessments to identify any gaps in knowledge. This then informs our feedback lesson task adaptations and any extra support that we offer in the classroom. At the end of each term, pupils will also complete an end of term assessment to check fluency and problem-solving skills that have been covered in the units. In lessons, low stake quizzes and the use of 'show call' help us to identify and address misconceptions and errors. Homework is set weekly and is numeracy based so that students are constantly using and recalling their numeracy skills					



Year 8	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	<ul style="list-style-type: none"> <li>- Fractions &amp; Percentages of Amounts</li> <li>- Prime Numbers &amp; Proof</li> <li>- Sets &amp; Probability</li> <li>- Ratio &amp; Scale</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplicative Change</li> <li>- Multiplying &amp; Dividing Fractions</li> <li>- Working in the Cartesian Plane</li> <li>- Representing Data</li> </ul>	<ul style="list-style-type: none"> <li>- Representing Data</li> <li>- Tables &amp; Probability</li> <li>- Brackets, equations and inequalities</li> </ul>	<ul style="list-style-type: none"> <li>- Sequences</li> <li>- Indices</li> <li>- Fractions &amp; Percentages</li> </ul>	<ul style="list-style-type: none"> <li>- Standard Index Form</li> <li>- Number Sense</li> <li>- Angles in Parallel Lines &amp; Polygons</li> </ul>	<ul style="list-style-type: none"> <li>- Area of Trapezia &amp; Circles</li> <li>- Line Symmetry &amp; Reflection</li> <li>- The Data Handling Cycle</li> <li>- Measures of Location</li> </ul>
<b>Key Knowledge and Understanding that, where necessary, enables skill building.</b>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Work out simple fractions and percentages of amounts, with and without a calculator</li> <li>• Understand and use set notation</li> <li>• Draw and interpret Venn Diagrams</li> <li>• Understand and use the language of probability</li> <li>• Calculate the probability of a single event</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Use scale factors, linking to ratio, to solve simple direct proportion problems</li> <li>• Convert between currencies, including using graphs</li> <li>• Draw and interpret scale diagrams and maps</li> <li>• Multiply and divide fractions by an integer</li> <li>• Multiply and divide a fraction by a fraction</li> <li>• Understand and use the reciprocal</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Draw and interpret scatter graphs</li> <li>• Understand correlation</li> <li>• Draw and use lines of best fit</li> <li>• Understand grouped and ungrouped, discrete and continuous data</li> <li>• Design and use one and two-way tables</li> <li>• List outcomes using sample space diagrams</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Generate sequences using more complex rules</li> <li>• Form expressions using indices</li> <li>• Understand and use the addition and subtraction rule</li> <li>• Develop understanding of fractions, decimals and percentages</li> <li>• Evaluate percentage increases and decreases</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Convert between numbers in ordinary and standard form</li> <li>• Compare numbers given in standard form.</li> <li>• Calculate with numbers given in standard form with and without a calculator</li> <li>• Develop mental strategies</li> <li>• Convert between metric measures and units</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Review area of shapes covered in Year 7</li> <li>• Calculate the area of a trapezium</li> <li>• Calculate the area of a circle, and the area of parts of a circle</li> <li>• Use significant figures</li> <li>• Calculate the area of compound shapes</li> <li>• Recognise line symmetry in polygons and other shapes</li> </ul>



	<ul style="list-style-type: none"><li>• Use the sum of probabilities of an event is 1</li><li>• Recognise prime, square and triangle numbers</li><li>• Express a number as a product of prime factors</li><li>• Powers and Roots</li><li>• Make and test conjectures</li><li>• Understand and use counterexamples</li><li>• Understand ratio and its link to multiplication</li><li>• Use ratio notation</li><li>• Reduce ratios to simplest form</li><li>• Solve ratio problems</li><li>• Calculate the circumference of a circle</li></ul>	<ul style="list-style-type: none"><li>• Plot and interpret straight line graphs</li><li>• Understand and use the equations of a straight line, including lines parallel to the axes</li><li>• Make links between direct proportion and straight lines of the form <math>y = kx</math></li><li>• Model situations by translating them into expressions, formulae and graphs</li></ul>	<p>for one and two events</p> <ul style="list-style-type: none"><li>• Find the probabilities using tables and Venn Diagrams</li><li>• Expand and factorise into single brackets</li><li>• Form and use expressions, formulae and identities</li><li>• Form and solve equations and inequalities with and without brackets</li><li>• Distinguish between equations, expressions, formulae and identities</li></ul>	<ul style="list-style-type: none"><li>• Use multipliers to solve percentage problems</li><li>• Express one number as a percentage of a number</li></ul>	<ul style="list-style-type: none"><li>• Estimation, including rounding to a given number of decimal places</li><li>• Use the order of operations</li><li>• Review Y7 angles rules</li><li>• Understand and use parallel lines and angles</li><li>• Revisit geometric notation</li><li>• Work out angles in special quadrilaterals</li><li>• Find and use the sum of interior and exterior angles of a polygon</li><li>• Prove simple geometric facts</li></ul>	<ul style="list-style-type: none"><li>• Reflect shapes in horizontal, vertical and diagonal lines</li><li>• Understand and use primary and secondary sources of data</li><li>• Collect data, including using questionnaires</li><li>• Interpret and construct statistical diagrams, including multiple bar charts</li><li>• Construct and interpret pie charts</li><li>• Compare distributions using charts</li><li>• Identify misleading graphs</li><li>• Revisit the median and mean, including finding the total given the mean</li><li>• Find the mean of grouped data</li><li>• Work out the mode and modal class</li><li>• Choose the appropriate average</li></ul>
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						<ul style="list-style-type: none"><li>• Comparing distributions using measures</li></ul>
<b>Vocabulary</b>	All lessons will introduce key terminology at the start of each step to ensure that students know key words and subject terminology. In addition to this, the key terminology is recalled and retrieved in lessons and assessments. Students are to write key words in their glossaries and their meanings.					
<b>Assessment</b>	At the end of each unit of study, our students will complete an end of block assessment. Students record these scores in their books and teachers use the results from assessments to identify any gaps in knowledge. This then informs our feedback lesson task adaptations and any extra support that we offer in the classroom. At the end of each term, pupils will also complete an end of term assessment to check fluency and problem-solving skills that have been covered in the units. In lessons, low stake quizzes and the use of 'show call' help us to identify and address misconceptions and errors. Homework is set weekly and is numeracy based so that students are constantly using and recalling their numeracy skills					



Year 9	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	<ul style="list-style-type: none"> <li>- Line Symmetry &amp; Reflection</li> <li>- The Data Handling Cycle</li> <li>- Straight Line Graphs</li> <li>- Forming and Solving Equations</li> </ul>	<ul style="list-style-type: none"> <li>- Forming and Solving Equations</li> <li>- Testing Conjectures</li> <li>- Three Dimensional Shapes</li> <li>- Construction &amp; Congruency</li> </ul>	<ul style="list-style-type: none"> <li>- Construction &amp; Congruency</li> <li>- Numbers</li> <li>- Using Percentages</li> <li>- Maths &amp; Money</li> </ul>	<ul style="list-style-type: none"> <li>- Maths &amp; Money</li> <li>- Deduction</li> <li>- Rotation &amp; Translation</li> </ul>	<ul style="list-style-type: none"> <li>- Pythagoras Theorem</li> <li>- Enlargement &amp; Similarity</li> <li>- Solving Ratio &amp; Proportion Problems</li> </ul>	<ul style="list-style-type: none"> <li>- Rates</li> <li>- Probability</li> <li>- Algebraic Representation</li> <li>- Consolidation</li> </ul>
<b>Key Knowledge and understanding that enables skill building.</b>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Recognise line symmetry in polygons and other shapes</li> <li>• Reflect shapes in horizontal, vertical and diagonal lines</li> <li>• Understand and use primary and secondary sources of data</li> <li>• Collect data, including using questionnaires</li> <li>• Interpret and construct statistical</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Revisit and extend to equations and inequalities with unknowns on both sides using all previous context</li> <li>• Change the subject of a formula</li> <li>• Test conjectures in a wide range of context</li> <li>• Understand the language of faces, edges and vertices</li> <li>• Know the names of common prisms and non-prisms</li> <li>• Identify 2-D shapes with 3-D shapes</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Revisit types of number – extend to include rational and real numbers</li> <li>• Revisit fraction arithmetic</li> <li>• Extend knowledge of HCF and LCM</li> <li>• Revisit standard form</li> <li>• Revisit percentage increase and decrease</li> <li>• Use percentages over 100%</li> <li>• Find percentage changes</li> <li>• Use multipliers in a variety of contexts</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Revisit angles rules, including within special quadrilaterals</li> <li>• Find angles using algebraic methods</li> <li>• Use chains of reasoning to evaluate angles</li> <li>• Identify the order of rotational symmetry of a shape</li> <li>• Find the result of rotating a shape</li> <li>• Translate points and shapes by a given vector</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Identify the hypotenuse of a right-angled triangle</li> <li>• Determine whether a triangle is right-angled</li> <li>• Calculate missing sides in right angled triangles</li> <li>• Enlarge shapes by a positive scale factor, including from a given point</li> <li>• Calculate the lengths of missing sides in similar shapes</li> </ul>	<p>Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following:</p> <ul style="list-style-type: none"> <li>• Work out speed, distance, time</li> <li>• Solve problems involving density</li> <li>• Work with compound units</li> <li>• Relative Frequency</li> <li>• Expected number of outcomes</li> <li>• Independent events</li> <li>• Drawing and reading from quadratics</li> <li>• Interpreting other graphs</li> <li>• Representing inequalities</li> </ul>





	<p>diagrams, including multiple bar charts</p> <ul style="list-style-type: none"> <li>• Construct and interpret pie charts</li> <li>• Compare distributions using charts</li> <li>• Identify misleading graphs</li> <li>• Interpret straight line graphs</li> <li>• Find and use the equation of a straight line</li> <li>• Reduce equations to the form <math>y=mx + c</math></li> <li>• Compare to linear sequences and finding the rule for the <math>n</math>th term</li> </ul>	<ul style="list-style-type: none"> <li>• Work out the volume and surface area of cuboids and cylinders</li> <li>• Work out the volume of any prism</li> <li>• Work out missing lengths given area and/or volume</li> <li>• Construct 3-D shapes from nets, and construct the net of a given 3-D shape</li> <li>• Construct and use scale drawings</li> <li>• Construct perpendiculars and bisectors</li> <li>• Understand congruency</li> <li>• Exploring congruency via construction</li> </ul>	<ul style="list-style-type: none"> <li>• Solve reverse percentage problems</li> <li>• Explore financial mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Understand variance and invariance in the context of transformations</li> </ul>	<ul style="list-style-type: none"> <li>• Direct proportion problems and graphs</li> <li>• Conversion Graphs</li> <li>• Solve ratio problems given the whole or a part</li> <li>• Simple inverse proportion</li> <li>• Unit pricing problems</li> <li>•</li> </ul>	
<b>Vocabulary</b>	All lessons will introduce key terminology at the start of each step to ensure that students know key words and subject terminology. In addition to this, the key terminology is recalled and retrieved in lessons and assessments. Students are to write key words in their glossaries and their meanings.					
<b>Assessment</b>	At the end of each unit of study, our students will complete an end of block assessment. Students record these scores in their books and teachers use the results from assessments to identify any gaps in knowledge. This then informs our feedback lesson task adaptations and any extra support that we offer in the classroom. At the end of each term, pupils will also complete an end of term assessment to check fluency and problem-solving skills that have been covered in the units. In lessons, low stake quizzes and the use of 'show call' help us to identify and address misconceptions and errors. Homework is set weekly and is numeracy based so that students are constantly using and recalling their numeracy skills					



Year 10 FOUNDATION	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	Unit 1: Numbers, Powers, Roots, Decimals and Rounding Unit 2: Fractions, Decimals and Percentages	Unit 3: Drawing and Interpreting tables and Graphs Unit 4: Mensuration and Properties and 2D Shapes	Unit 5: Perimeter, Area, Angles and 3D forms Unit 6: Expressions and substituting into simple formulae	Unit 7: Probability Unit 1: Two Way Tables	Unit 2: Frequency Trees Unit 3: Rounding and Error Intervals Unit 4: Estimation Unit 5: Using a Calculator Unit 6/7: Product of Primes/HCF/LCM	Unit 8: Real life multiples Unit 9/10: Fractions Unit 11/12: Ratio
<b>Key Knowledge and Understanding that, where necessary, enables skill building.</b>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand how to do the following: <ul style="list-style-type: none"> <li>• Integers</li> <li>• Place Value</li> <li>• Decimals</li> <li>• Indices</li> <li>• Powers</li> <li>• Roots</li> <li>• Factors</li> <li>• Multiples</li> <li>• Primes</li> <li>• Fractions</li> <li>• Percentages</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following and their purpose: <ul style="list-style-type: none"> <li>• Time and Timetables</li> <li>• Tables (data collection)</li> <li>• Questionnaires</li> <li>• Pictograms</li> <li>• Line Graphs</li> <li>• Bar Charts</li> <li>• Stem and Leaf</li> <li>• Measurements and Units</li> <li>• 2D Shapes</li> <li>• Symmetry</li> <li>• Simple Constructions</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand how to do the following: <ul style="list-style-type: none"> <li>• Perimeter</li> <li>• Area</li> <li>• Simple Angle Facts</li> <li>• 3D Forms</li> <li>• Algebra the basics</li> <li>• Expressions and Substitution into Formula</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following, and how to carry out appropriate functions related to these: <ul style="list-style-type: none"> <li>• Probability scale</li> <li>• Theoretical Probability</li> <li>• Two Way Tables</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following, and how to carry out appropriate functions related to these: <ul style="list-style-type: none"> <li>• Frequency Trees</li> <li>• Rounding and Error Intervals</li> <li>• Estimation</li> <li>• Using a calculator</li> <li>• Finding the product of prime factors</li> <li>• Highest common factor</li> <li>• Lowest common multiple</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand the following, and how to carry out appropriate functions related to these: <ul style="list-style-type: none"> <li>• Real life multiples</li> <li>• Add Fractions</li> <li>• Subtract Fractions</li> <li>• Divide Fractions</li> <li>• Multiply Fractions</li> <li>• 4 operations with mixed numbers</li> <li>• Share into a given ratio</li> <li>• Write a ratio as 1: n and vice versa</li> </ul>



						<ul style="list-style-type: none"><li>• Solve problems using ratio</li></ul>
<b>Vocabulary</b>	All lessons, throughout the course, introduce key terminology at the start, to ensure that students know key words and subject terminology. Key vocabulary is tested as part of Do Now's, in the context of a question so students understand how the key word would appear.					
<b>Assessment</b>	<p>Throughout the year, students will be formatively assessed to ensure that teaching is bespoke to their needs. Students are expected to complete weekly homework tasks that assess their increasing knowledge base in relation to the GCSE Mathematics curriculum. The scores from homeworks are recorded in books for parents to see and, where questions are consistently incorrect with many students responding incorrectly, these are addressed in 'Do Mows' for lessons.</p> <p>Students will sit a mock examination at the end of the academic year to assess whether they are to sit foundation or higher at the end of the course. This mock does not determine the outcome for year 11 but will make the decision for the start of year 11 to where each student will be placed.</p>					



Year 10 CROSS OVER	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	Unit 1: Two Way Tables Unit 2: Frequency Trees Unit 3: Rounding and Error Intervals Unit 4: Estimation Unit 5: Use of Calculator Unit 6/7: Product of Primes/HCF/LCM Unit 8: Real Life Multiples Unit 9/10: Fractions	Unit 11/12: Ratio Unit 13: Direct Proportion Unit 14/15/16: Proportion Unit 17: Inverse Proportion Unit 18/19: Percentages Unit 20/21: Interest Growth and Decay Unit 22: Reverse Percentages Unit 23: Index Laws Unit 24: Expand and Simplify	Unit 25: Sequences Unit 26: Inequalities Unit 27: Solving Equations Unit 28/29: Forming and Solving Equations	Unit 30/31: Factorising Unit 32: Changing the Subject Unit 33/34: Standard Index Form Unit 35: Angles in Parallel Lines Unit 36: Interior and Exterior Angles	Unit 37: Plans and Elevations Unit 38: Constructions and Loci Unit 39: Bearings Unit 40-45: Pythagoras and Trigonometry	Unit 46 – 48: Circles, Arcs & Sectors Unit 49/50: Surface Area and Volume Unit 51: Sampling
<b>Key Knowledge and understanding that enables skill building.</b>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Two Way Tables</li> <li>• Frequency Trees</li> <li>• Rounding and Error Intervals</li> <li>• Estimation</li> <li>• Using a Calculator</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Ratio</li> <li>• Direct Proportion</li> <li>• Proportion</li> <li>• Inverse Proportion</li> <li>• Percentages</li> <li>• Interest Growth and Decay</li> <li>• Reverse Percentages</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Sequences</li> <li>• Inequalities</li> <li>• Solving Equations</li> <li>• Forming and Solving Equations</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Factorising</li> <li>• Change the Subject</li> <li>• Standard Index Form</li> <li>• Angles in Parallel Lines</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Interior and Exterior Angles</li> <li>• Plans and Elevations</li> <li>• Constructions and Loci</li> <li>• Bearings</li> <li>• Pythagoras</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Circles</li> <li>• Arcs</li> <li>• Sectors</li> <li>• Circumference</li> <li>• Area</li> <li>• Surface Area</li> <li>• Volume</li> </ul>



	<ul style="list-style-type: none"><li>• Product of Prime Factors</li><li>• HCF/LCM</li><li>• Real Life Multiples</li><li>• Fractions</li></ul>	<ul style="list-style-type: none"><li>• Index Laws</li><li>• Expand and Simplify</li></ul>			<ul style="list-style-type: none"><li>• Trigonometry</li></ul>	<ul style="list-style-type: none"><li>• Sampling</li></ul>
<b>Vocabulary</b>	All lessons, throughout the course, introduce key terminology at the start, to ensure that students know key words and subject terminology. Key vocabulary is tested as part of Do Now's, in the context of a question so students understand how the key word would appear.					
<b>Assessment</b>	Throughout the year, students will be formatively assessed to ensure that teaching is bespoke to their needs. Students are expected to complete weekly homework tasks that assess their increasing knowledge base in relation to the GCSE Mathematics curriculum. The scores from homework's are recorded in books for parents to see and, where questions are consistently incorrect with many students responding incorrectly, these are addressed in 'Do Now's' for lessons. Students will sit a mock examination at the end of the academic year to assess whether they are to sit foundation or higher at the end of the course. This mock does not determine the outcome for year 11 but will make the decision for the start of year 11 to where each student will be placed.					



Year 10 HIGHER	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	Unit 1: Two Way Tables Unit 2: Frequency Trees Unit 3: Rounding and Error Intervals Unit 4: Estimation Unit 5: Use of Calculator Unit 6/7: Product of Primes/HCF/LCM Prime 8: Real Life Multiples Unit 9/10: Fractions Unit 11/12: Ratio Unit 13: Direct Proportion	Unit 14- 16: Proportion Unit 17: Inverse Proportion Unit 18/19: Percentages Unit 20/21: Interest Growth and Decay Unit 22: Reverse Percentages Unit 23: Index Laws Unit 24: Expand and Simplify Unit 25: Sequences Unit 26: Inequalities Unit 27: Solving Equations Unit 28/29: Forming and Solving Equations Unit 30/31: Factorising Unit 32: Changing the Subject	Unit 33/34: Standard Index Form Unit 35: Angles in Parallel Lines Unit 36: Interior and Exterior Angles Unit 37: Plans and Elevations Unit 38: Constructions and Loci Unit 51: Sampling Unit 66/67: Congruency and Similarity	Unit 39: Bearings Unit 40-45: Pythagoras and Trigonometry Unit 46/47/48: Circles, Arcs and Sectors	Unit 49/50: Surface Area and Volume Unit 52: Averages Unit 53/54: Averages from a table Unit 55: Frequency Diagrams Unit 56: Scatter Graphs Unit 57: Time Series Unit 58: Pie Charts Unit 59/60: Coordinate Geometry	Unit 61: Straight Line Graphs Unit 62: Non-Linear Graphs Unit 63/64: Compound Measures Unit 65: Real- Life Graphs Unit 68-72: Transformations Unit 73: Vectors Unit 74: Probability from a table Unit 75: Probability Trees
<b>Key Knowledge and Understanding that, where necessary, enables skill building.</b>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Solving Linear Equations</li> <li>• Expanding Brackets</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Proportion</li> <li>• Best Value</li> <li>• Recipes</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Standard Index Form</li> <li>• Angles in Parallel Lines</li> <li>• Interior Angles</li> <li>• Exterior Angles</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Bearings</li> <li>• Pythagoras</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Surface Area</li> <li>• Volume</li> <li>• Averages</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>• Straight Line Graphs</li> <li>• Non Linear Graphs</li> </ul>



	<ul style="list-style-type: none"> <li>• Factorising</li> <li>• Simplifying</li> <li>• Quadratics</li> <li>• Two Way Tables</li> <li>• Frequency Trees</li> <li>• Rounding</li> <li>• Estimation</li> <li>• Using a Calculator</li> <li>• Product of Prime Factors</li> <li>• HCF/LCM</li> <li>• Real Life Multiples</li> <li>• Fractions</li> <li>• Ratio</li> <li>• Direct Proportion</li> </ul>	<ul style="list-style-type: none"> <li>• Exchange Rates</li> <li>• Inverse Proportion</li> <li>• Percentages</li> <li>• Interest, Growth and Decay</li> <li>• Reverse Percentages</li> <li>• Index Laws</li> <li>• Expand and Simplify</li> <li>• Sequences</li> <li>• Inequalities</li> <li>• Solving Equations</li> <li>• Form and Solve Equations</li> <li>• Change the Subject</li> </ul>	<ul style="list-style-type: none"> <li>• Plans</li> <li>• Elevations</li> <li>• Construction</li> <li>• Loci</li> <li>• Sampling</li> <li>• Congruency</li> <li>• Similarity</li> </ul>	<ul style="list-style-type: none"> <li>• Trigonometry (SOHCAHTOA)</li> <li>• Circles circumference</li> <li>• Circles area</li> <li>• Arcs</li> <li>• Sectors</li> </ul>	<ul style="list-style-type: none"> <li>• Averages from a table</li> <li>• Frequency Diagrams</li> <li>• Scatter Graphs</li> <li>• Times Series</li> <li>• Pie Charts</li> <li>• Coordinates</li> </ul>	<ul style="list-style-type: none"> <li>• Compound Measures</li> <li>• Speed</li> <li>• Distance</li> <li>• Time</li> <li>• Real Life Graphs</li> <li>• Vectors</li> <li>• Translation</li> <li>• Reflection</li> <li>• Rotation</li> <li>• Enlargement</li> <li>• Probability from a Table</li> <li>• Probability Trees</li> </ul>
<p><b>Vocabulary</b></p>	<p>All lessons, throughout the course, introduce key terminology at the start, to ensure that students know key words and subject terminology. Key vocabulary is tested as part of Do Now's, in the context of a question so students understand how the key word would appear.</p>					
<p><b>Assessment</b></p>	<p>Throughout the year, students will be formatively assessed to ensure that teaching is bespoke to their needs. Students are expected to complete weekly homework tasks that assess their increasing knowledge base in relation to the GCSE Mathematics curriculum. The scores from homework's are recorded in books for parents to see and, where questions are consistently incorrect with many students responding incorrectly, these are addressed in 'Do Nows' for lessons.</p> <p>Students will sit a mock examination at the end of the academic year to assess whether they are to sit foundation or higher at the end of the course. This mock does not determine the outcome for year 11 but will make the decision for the start of year 11 to where each student will be placed.</p>					



Year 11 FOUNDATION	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	Unit 4: Estimation Unit 5: Use of Calculator Unit 6/7: Product of Prime Factors/HCF/LCM Unit 8: Real Life Multiples Unit 9/10: Fractions Unit 11/12: Ratio	Unit 11/12: Ratio Unit 13: Direct Proportion Unit 14/15/16: Proportion Unit 17: Inverse Proportion Unit 18/19: Percentages Unit 20/21: Interest and Growth Depreciation and Decay	Unit 23: Index Laws Unit 24: Expand and Simplify Unit 25: Sequences Unit 26: Inequalities	Unit 27: Solving Equations Unit 28/29: Forming and Solving Equations Unit 30/31: Factorising Unit 33/34: Standard Index Form Unit 35: Angles in Parallel Lines	Unit 49/50: Surface Area & Volume Unit 68 – 72: Transformation Preparation and revision for GCSE Mathematics	
<b>Key Knowledge and understanding that enables skill building.</b>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Estimation - Rounding - Use of a calculator - Product of prime factors - Highest Common Factor - Lowest Common Multiple - Real Life Multiples - Adding Fractions	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Ratio - Direct Proportion - Best Value - Recipes - Exchange Rates - Inverse Proportion - Percentages of an amount - Compound Interest - Simple Interest - Depreciation	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Index laws - Expand a single bracket - Expand and simplify a single bracket - Expand a double bracket - Sequences - Recognise a sequence - Find the nth term of a sequence	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Solving one step equations - Solving two step equations - Solving unknown on both sides - Form and solve equations from worded questions	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Surface Area - Volume - Translation - Reflection - Rotation - Enlargement - Combined Transformation  Students will be using this time to complete walking talking mocks as well as exam practice, in readiness for the terminal GCSE examinations.  Our results from assessments will mean that students and classes may be completing	





	<ul style="list-style-type: none"><li>- Subtracting Fractions</li><li>- Multiplying fractions</li><li>- Dividing Fractions</li><li>- Mixed Numbers and Improper Fractions</li><li>- Ratio</li></ul>		<ul style="list-style-type: none"><li>- Use the nth term of a sequence</li><li>- Inequalities on a number line</li><li>- Solving inequalities</li><li>- Satisfy an inequality</li></ul>	<ul style="list-style-type: none"><li>- Form and solve equations from shape</li><li>- Factorise a single bracket</li><li>- Standard form into ordinary numbers</li><li>- Ordinary numbers into standard form</li><li>- Calculations with standard form</li><li>- Angles in parallel lines</li></ul>	bespoke activities to support individuals and groups of students in achieving their best outcome in their GCSEs.
<b>Vocabulary</b>	All lessons, throughout the course, introduce key terminology at the start, to ensure that students know key words and subject terminology. Key vocabulary is tested as part of 'Do Now's', in the context of a question, so students understand how the key word would appear.				
<b>Assessment</b>	<p>Throughout the year, students will be formatively assessed to ensure that teaching is bespoke to their needs. Students are expected to complete weekly homework tasks that assess their increasing knowledge base in relation to the GCSE Mathematics curriculum. The scores from homeworks are recorded in books for parents to see and where questions are consistently incorrect with many students responding incorrectly, these are addressed in 'Do Nows' for lessons.</p> <p>In November, students will sit a Mock examination. The result from this examination will be reported to parents, alongside a realistic expected grade for the subject. Findings from the mock exam will result in some explicit reteaching so that students can identify their own areas for development and areas of success.</p> <p>There will be a further Mock examination series in January so that we can identify students' needs and adapt our curriculum accordingly, if required.</p>				



Year 11 CROSS OVER	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Unit Title</b>	Unit 46/47/48: Circles, Arcs and Sectors Unit 49/50: Surface Area and Volume Unit 51: Sampling Unit 52: Averages Unit 53/54: Averages from a Table, Averages from grouped Data. Unit 55: Frequency Diagrams Unit 56: Scatter Graphs	Unit 57: Time Series Unit 58: Pie Charts Unit 59/60: Coordinate Geometry Unit 61: Straight Line Graphs Unit 62: Non-Linear Graphs Unit 63/64: Compound Measures Unit 65: Real Life Graphs	Unit 66/67: Congruency and Similar Shapes Unit 73: Vectors Unit 68 – 72: Transformation Unit 74: Probability from a Table Unit 75/76: Probability Trees Unit 77: Venn Diagrams	Unit 78/79: Simultaneous Equations Unit 1a: Recurring Decimals Unit 1b: Fractional/Negative Indices Unit 1c: Product Rule Unit 1d: Upper and Lower Bounds Unit 1e: Surds	Unit 2a: Expand and Factorising Unit 2b: Rearranging Equations Unit 2c: Sequences Unit 4: Surface and Volume Preparation and revision for GCSE Mathematics	
<b>Key Knowledge and Understanding that, where necessary, enables skill building.</b>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Circumference of a Circle - Area of a Circle - Arcs - Sectors - Surface Area - Volume - Sampling	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Time Series - Pie Charts - Coordinate Geometry - Straight Line Graphs - Non-Linear Graphs - Speed - Distance - Time - Real Life Graphs	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Congruency - Similar Shapes - Vectors - Translation - Reflection - Rotation - Enlargement - Combined Transformations	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: - Simultaneous Equations - Recurring Decimals - Fractional Indices - Negative Indices - Product Rule - Upper Bounds - Lower Bounds	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following:  - Expand triple brackets - Factorising Quadratics - Rearranging Equations - Sequences - Quadratic Sequences - Surface Area - Volume  Students will be using this time to complete walking talking mocks as well as exam practice, in readiness for the terminal GCSE examinations.	



	<ul style="list-style-type: none"><li>- Averages</li><li>- Averages from a table</li><li>- Averages from a grouped table</li><li>- Frequency Diagrams</li><li>- Scatter Graphs</li></ul>		<ul style="list-style-type: none"><li>- Probability from a Table</li><li>- Probability Trees</li><li>- Venn Diagrams</li></ul>	<ul style="list-style-type: none"><li>- Calculations with Bounds</li><li>- Surds</li></ul>	Our results from assessments will mean that students and classes may be completing bespoke activities to support individuals and groups of students in achieving their best outcome in their GCSEs.	
<b>Vocabulary</b>	All lessons, throughout the course, introduce key terminology at the start, to ensure that students know key words and subject terminology. Key vocabulary is tested as part of 'Do Now's', in the context of a question, so students understand how the key word would appear.					
<b>Assessment</b>	<p>Throughout the year, students will be formatively assessed to ensure that teaching is bespoke to their needs. Students are expected to complete weekly homework tasks that assess their increasing knowledge base in relation to the GCSE Mathematics curriculum. The scores from homework's are recorded in books for parents to see and where questions are consistently incorrect with many students responding incorrectly, these are addressed in 'Do Nows' for lessons.</p> <p>In November, students will sit a Mock examination. The result from this examination will be reported to parents, alongside a realistic expected grade for the subject. Findings from the mock exam will result in some explicit reteaching so that students can identify their own areas for development and areas of success.</p> <p>There will be a further Mock examination series in January so that we can identify students' needs and adapt our curriculum accordingly, if required.</p>					
<b>Year 11</b>	<b>Half Term 1</b>	<b>Half Term 2</b>	<b>Half Term 3</b>	<b>Half Term 4</b>	<b>Half Term 5</b>	<b>Half Term 6</b>



<b>HIGHER</b>					
<b>Unit Title</b>	Unit 77: Venn Diagrams Unit 78/79: Simultaneous Equations Unit 1a: Recurring Decimals Unit 1b: Fractional/Negative Indices Unit 1c: Product Rule Unit 1d: Upper and Lower Bounds Unit 1e: Surds Unit 2a: Expand and Factorising Unit 2b: Rearranging Equations Unit 2c: Sequences	Unit 4: Surface and Volume Unit 3: Coordinate Geometry Unit 5: Transformations Unit 6: Quadratics Unit 7: Simultaneous Equations	Unit 8: Conditional Probability Unit 10: Similarity in 2D & 3D Unit 9: Direct & Inverse Proportion Unit 11a: Graphs of Trig Functions Unit 11b: Further Trigonometry	Unit 12a: Sampling Unit 12b: Cumulative Frequency and Box Plots Unit 12c: Histograms Unit 14: Circle Geometry Unit 15: Circle Theorems	Unit 16: Algebraic Fractions Unit 17: Functions Unit 18: Algebraic Proof Unit 20: Vectors  Preparation and revision for GCSE Mathematics
<b>Key Knowledge and understanding that enables skill building.</b>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>- Venn Diagrams</li> <li>- Simultaneous Equations (Linear)</li> <li>- Recurring Decimals</li> <li>- Fractional Indices</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>- Surface Area</li> <li>- Volume</li> <li>- Coordinate Geometry</li> <li>- Translation</li> <li>- Reflection</li> <li>- Rotation</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>- Conditional Probability</li> <li>- Similarity 2D &amp; 3D Shapes</li> <li>- Direct Proportion</li> <li>- Inverse Proportion</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>- Sampling</li> <li>- Cumulative Frequency</li> <li>- Box Plots</li> <li>- Histograms</li> </ul>	Lesson Objectives in our Medium Term Plans are sequenced to ensure that students know and understand, and carry out appropriate functions, related to the following: <ul style="list-style-type: none"> <li>- Algebraic Fractions</li> <li>- Functions</li> <li>- Algebraic Proofs</li> <li>- Vectors</li> </ul> Students will be using this time to complete walking talking mocks as well as exam practice, in readiness for the terminal GCSE examinations.



	<ul style="list-style-type: none"><li>- Negative Indices</li><li>- Product Rule</li><li>- Upper and Lower Bounds</li><li>- Calculations with Upper and Lower Bounds</li><li>- Surds</li><li>- Expand triple brackets</li><li>- Factorise quadratics with a coefficient in front of x</li><li>- Rearranging equations</li><li>- Quadratic sequences</li></ul>	<ul style="list-style-type: none"><li>- Enlargement</li><li>- Quadratics</li><li>- Quadratic Formula</li><li>- Iterations</li><li>- Simultaneous Equations (Quadratics)</li></ul>	<ul style="list-style-type: none"><li>- Graphs of trigonometry functions</li><li>- Sine Rule</li><li>- Cosine Rule</li><li>- Area of a triangle</li></ul>	<ul style="list-style-type: none"><li>- Circle Geometry</li><li>- Gradients</li><li>- Tangents</li><li>- Circle theorems</li></ul>	<p>Our results from assessments will mean that students and classes may be completing bespoke activities to support individuals and groups of students in achieving their best outcome in their GCSEs.</p>
<b>Vocabulary</b>	All lessons, throughout the course, introduce key terminology at the start, to ensure that students know key words and subject terminology. Key vocabulary is tested as part of 'Do Now's', in the context of a question, so students understand how the key word would appear.				
<b>Assessment</b>	Throughout the year, students will be formatively assessed to ensure that teaching is bespoke to their needs. Students are expected to complete weekly homework tasks that assess their increasing knowledge base in relation to the GCSE Mathematics curriculum. The scores from homework's are recorded in books for parents to see and where questions are consistently incorrect with many students responding incorrectly, these are addressed in 'Do Nows' for lessons. In November, students will sit a Mock examination. The result from this examination will be reported to parents, alongside a realistic expected grade for the subject. Findings from the mock exam will result in some explicit reteaching so that students can identify their own areas for development and areas of success. There will be a further Mock examination series in January so that we can identify students' needs and adapt our curriculum accordingly, if required.				

