

Subject:	<u>Autumn HT 1</u>	<u>Autumn HT 2</u>	<u>Spring HT 1</u>	<u>Spring HT 2</u>	<u>Summer HT 1</u>	<u>Summer HT 2</u>
Year 11H						
	<p>UNIT 13: Sine and cosine rules, $\frac{1}{2}ab \sin C$, trigonometry and Pythagoras' Theorem in 3D, trigonometric graphs</p> <ul style="list-style-type: none"> - Graphs of trigonometric functions - Further Trigonometry <p>UNIT 14: Statistics and sampling, cumulative frequency and histograms</p> <ul style="list-style-type: none"> - Collecting data - Cumulative frequency, box plots & histograms <p>UNIT 15: Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics</p> <p>-Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes & quadratics.</p>	<p>UNIT 16: Circle theorems and circle geometry</p> <ul style="list-style-type: none"> - Circle theorems - Circle geometry <p>UNIT 17: Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof</p> <ul style="list-style-type: none"> - Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof 	<p>UNIT 18: Vectors and geometric proof</p> <p>-Vectors & geometric proof</p> <p>UNIT 19: Direct and indirect proportion: using statements of proportionality, reciprocal and exponential graphs, rates of change in graphs, functions, transformations of graphs</p> <ul style="list-style-type: none"> - Reciprocal & exponential graphs; Gradient & area under graphs - Direct & Inverse proportion 	<p>Responsive teaching based upon November Mock exam question level analysis.</p>	<p>Responsive teaching based upon February Mock exam question level analysis.</p>	<p>Responsive teaching based upon February Mock exam question level analysis.</p>