

Year 11 – MATHEMATICS Programme of Study

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Graphs</p> <ul style="list-style-type: none"> Recap and consolidate all earlier content Construct and interpret real life graphs Properties of quadratic graphs Trigonometric graphs (H) Graphs of circles (H) Gradient of a curve and area below (H) Transformation of graphs (H) <p>Constructions</p> <ul style="list-style-type: none"> Angle bisector & perpendicular bisector Loci 	<p>Preparation for Mock exams (bespoke to class needs)</p> <p><u>Milestone Assessment: Mock exams</u></p> <ul style="list-style-type: none"> Paper 1: 90 minutes (non-calculator) Paper 2: 90 minutes (calculator) <p>After the exams:</p> <ul style="list-style-type: none"> Assessment feedback Responsive teaching (revisit weaker topics) 	<p>Statistics</p> <ul style="list-style-type: none"> Recap and consolidate all earlier content Draw and interpret histograms (H) Cumulative frequency curves and box plots (H) <p>Ratio and Proportion</p> <ul style="list-style-type: none"> Rates of change Graphs representing direct and inverse proportion (H) Solve direct and inverse proportion problems algebraically (H) <p>Preparation for 2nd Mock (bespoke to class needs)</p>	<p>Preparation for Mock exams (bespoke to class needs)</p> <p><u>Milestone Assessment: Mock exams</u></p> <ul style="list-style-type: none"> Paper 1: 90 minutes (non-calculator) Paper 2: 90 minutes (calculator) <p>After the exams:</p> <ul style="list-style-type: none"> Assessment feedback Responsive teaching (revisit weaker topics) 	<p>Revision and past papers</p>	