


## Year 10 Overview – Higher Tier

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Autumn</b>	<b>-Equations and Inequalities</b> -Simultaneous equation -Quadratic equations  Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment				<b>-Probability</b> -Tree diagrams -Venn diagrams  Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment			<b>-Multiplicative Reasoning</b> -Growth and decay -Compound measures -Ratio and proportion  Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment				Revise & Improve  Consolidation, gap filling, DIRT time  END OF TERM TEST
<b>Spring</b>	<b>-Similarity and Congruence</b> -Geometric proof and congruence -Similarity in 3D shapes  Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment			<b>-More Trigonometry</b> -Graphs of the sine/cosine and tangent function -Sine and cosine rule -Transformations and Trigonometric graphs  Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment				<b>-Further Statistics</b> -Sampling -Cumulative frequency -Box Plots -Histograms Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment				Revise & Improve  Consolidation, gap filling, DIRT time  END OF TERM TEST
<b>Summer</b>	<b>-Equations and Graphs</b> -Solving simultaneous equations graphically -Representing inequalities graphically -Graphs of quadratic functions -Solving quadratic equations graphically -Graphs of cubic functions Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment				<b>-Circle Theorems</b> -Radii, chords, tangents -Angles in circles and circle theorems  Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment			<b>-More Algebra</b> -Rearranging formula -Algebraic fractions -Surd -Solving algebraic fraction equations -Functions and proof Hegarty maths home learning set weekly  Fortnightly Fluency Tests – Formative and diagnostic assessment				Revise & Improve  Consolidation, gap filling, DIRT time END OF YEAR SUMMATIVE EXAMS

