

Mathematics GCSE Curriculum & Course Overview 2025/2026

Subject: GCSE Mathematics																																																																																																																																																																																																								
Key Stage:	KS4																																																																																																																																																																																																							
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Map of Learning Overview:	<table><thead><tr><th colspan="6">KS4 Overview</th></tr><tr><th>Term</th><th>Unit</th><th>Topic - Foundation</th><th>Term</th><th>Unit</th><th>Topic - Foundation</th><th>Term</th><th>Unit</th><th>Topic - Higher</th><th>Term</th><th>Unit</th><th>Topic - Higher</th></tr></thead><tbody><tr><td rowspan="4">HT1</td><td>F1</td><td>Solving equations and rearranging formulae</td><td rowspan="4">HT1</td><td>F15</td><td>Algebra Review</td><td rowspan="4">HT1</td><td>H1</td><td>Rearranging formulae</td><td rowspan="4">HT1</td><td>H22</td><td>Recurring decimals</td></tr><tr><td>F2</td><td>Linear Graphs</td><td>F16</td><td>Right angled Trigonometry</td><td>H2</td><td>Linear Graphs</td><td>H23</td><td>Quadratic sequences</td></tr><tr><td>F3</td><td>Linear Simultaneous Equations</td><td>F17</td><td>Similar shapes</td><td>H3</td><td>Linear Simultaneous Equations</td><td>H24</td><td>Simultaneous equations 2</td></tr><tr><td>F4</td><td>Volume 2</td><td>F18</td><td>Congruence</td><td>H4</td><td>Volume 2</td><td>H25</td><td>Further Trigonometry</td></tr><tr><td rowspan="4">HT2</td><td>F5</td><td>Compound Measures</td><td rowspan="4">HT2</td><td>F19</td><td>Constructions & Loci</td><td rowspan="4">HT2</td><td>H5</td><td>Compound Measures</td><td rowspan="4">HT2</td><td>H26</td><td>Inequalities 2</td></tr><tr><td>F6</td><td>Quadratics - graphical</td><td>H6</td><td>Quadratics - graphical</td><td>H27</td><td>Functions</td></tr><tr><td>F7</td><td>Quadratics - algebraic</td><td>H7</td><td>Quadratics - algebraic</td><td>H28</td><td>Iteration</td></tr><tr><td>F8</td><td>Further graphs</td><td>H8</td><td>Further graphs</td><td>H29</td><td>Algebraic proof</td></tr><tr><td rowspan="4">HT3</td><td>F9</td><td>Probability 2</td><td rowspan="4">HT3</td><td></td><td></td><td rowspan="4">HT3</td><td>H9</td><td>Probability 2</td><td rowspan="4">HT3</td><td>H30</td><td>Circle theorems</td></tr><tr><td>F10</td><td>Statistics 2</td><td>H10</td><td>Statistics 2</td><td>H31</td><td>Histograms</td></tr><tr><td>F11</td><td>Ratio 2</td><td>H11</td><td>Cumulative Frequency and Box Plots</td><td>H32</td><td>Vectors 2</td></tr><tr><td>F12</td><td>Growth & Decay</td><td>H12</td><td>Growth & Decay</td><td>H33</td><td>Gradients (Further), and area under a graph</td></tr><tr><td rowspan="4">HT5</td><td>F13</td><td>Pythagoras Review</td><td rowspan="4">HT4</td><td></td><td></td><td rowspan="4">HT4</td><td>H13</td><td>Ratio 2</td><td rowspan="4">HT4</td><td>H34</td><td>Graphical transformations</td></tr><tr><td>F14</td><td>Bearings & Scale Drawings</td><td>H14</td><td>Ratio 3</td><td>H35</td><td>Congruence</td></tr><tr><td></td><td></td><td>H15</td><td>Similar shapes</td><td>H36</td><td>Constructions & Loci</td></tr><tr><td></td><td></td><td>H16</td><td>Algebraic proportion</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td rowspan="4">HT5</td><td></td><td></td><td rowspan="4">HT5</td><td>H17</td><td>Surds</td><td rowspan="4">HT6</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>H18</td><td>Right angled Trigonometry</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>H19</td><td>Bounds</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>H20</td><td>Bearings and scale drawings</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>H21</td><td>Transformations 2</td><td></td><td></td><td></td></tr></tbody></table>											KS4 Overview						Term	Unit	Topic - Foundation	Term	Unit	Topic - Foundation	Term	Unit	Topic - Higher	Term	Unit	Topic - Higher	HT1	F1	Solving equations and rearranging formulae	HT1	F15	Algebra Review	HT1	H1	Rearranging formulae	HT1	H22	Recurring decimals	F2	Linear Graphs	F16	Right angled Trigonometry	H2	Linear Graphs	H23	Quadratic sequences	F3	Linear Simultaneous Equations	F17	Similar shapes	H3	Linear Simultaneous Equations	H24	Simultaneous equations 2	F4	Volume 2	F18	Congruence	H4	Volume 2	H25	Further Trigonometry	HT2	F5	Compound Measures	HT2	F19	Constructions & Loci	HT2	H5	Compound Measures	HT2	H26	Inequalities 2	F6	Quadratics - graphical	H6	Quadratics - graphical	H27	Functions	F7	Quadratics - algebraic	H7	Quadratics - algebraic	H28	Iteration	F8	Further graphs	H8	Further graphs	H29	Algebraic proof	HT3	F9	Probability 2	HT3			HT3	H9	Probability 2	HT3	H30	Circle theorems	F10	Statistics 2	H10	Statistics 2	H31	Histograms	F11	Ratio 2	H11	Cumulative Frequency and Box Plots	H32	Vectors 2	F12	Growth & Decay	H12	Growth & Decay	H33	Gradients (Further), and area under a graph	HT5	F13	Pythagoras Review	HT4			HT4	H13	Ratio 2	HT4	H34	Graphical transformations	F14	Bearings & Scale Drawings	H14	Ratio 3	H35	Congruence			H15	Similar shapes	H36	Constructions & Loci			H16	Algebraic proportion						HT5			HT5	H17	Surds	HT6						H18	Right angled Trigonometry						H19	Bounds						H20	Bearings and scale drawings										H21	Transformations 2			
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Assessment:	- Three written exams (equal weighting – 80 marks each) ➤ Paper 1 – Non-calculator ➤ Paper 2 – Calculator ➤ Paper 3 – Calculator - No coursework. - Tiered entry – foundation (grades 5 – 1), higher (grades 9 – 4).																																																																																																																																																																																																							
Homework:	Sparx Maths – due every Wednesday Y11 Only – Exam practice paper weekly																																																																																																																																																																																																							
Holland Park Resources:	Knowledge organisers Revision textbook (Y11 only)																																																																																																																																																																																																							
Additional platforms:	Pearson Active Learn Sparx Maths																																																																																																																																																																																																							
Revision resources:	First Class Maths Maths Genie DrFrost Maths																																																																																																																																																																																																							
Edexcel revision guide:	Higher: CGP Revision guides - GCSE Maths Edexcel Revision Guide: Higher inc Online Edition, Videos & Quizzes CGP Books Edexcel Revision guides - REVISE Pearson Edexcel GCSE (9-1) Mathematics Higher tier Revision Guide Foundation: CGP Revision guides - REVISE Edexcel GCSE (9-1) Mathematics Foundation Revision Guide Edexcel Revision guide - GCSE Maths Edexcel Revision Guide: Foundation inc Online Edition, Videos & Quizzes: Richard Parsons: 9781782944003: WHSmith																																																																																																																																																																																																							
Teacher contacts:	Co-Head of Mathematics: Ms Bailey – elena.bailey@hollandparkschool.co.uk Ms Neary – charlotte.neary@hollandparkschool.co.uk																																																																																																																																																																																																							