

Year 11 Curriculum Overview Plan 2021-22: Mathematics (Higher)

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Key Theme: Number, Statistics, Geometry, Algebra</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 10.16h – Iteration 10.17h – Histograms 10.18h – Ratio Revisited 10.19h – Transformations Continued 10.20h – Algebraic Fractions</p> <p>Links to Prior Learning: Year 7 Scheme – 7.4, 7.6. Year 8 Scheme – 8.8, 8.11. Year 9 Scheme – 9.2h, 9.6h, 9.8h</p>	<p>Key Theme: Geometry</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 10.21h – Vectors</p> <p>Links to Prior Learning: Year 8 Scheme - 8.11. Year 10 Scheme – 10.2h, 10.12h.</p>	<p>Key Theme: Number, Ratio & Proportion, Algebra, Geometry, Statistics & Probability</p> <p>Key Concepts, Knowledge & Skills to be Embedded: Revision of all Schemes – use whole class student QLAs to determine key areas to revisit.</p> <p>Links to Prior Learning: All.</p>	<p>Key Theme: Number, Ratio & Proportion, Algebra, Geometry, Statistics & Probability</p> <p>Key Concepts, Knowledge & Skills to be Embedded: Revision of all Schemes – use whole class student QLAs to determine key areas to revisit.</p> <p>Links to Prior Learning: All.</p>	<p>Key Theme: Number, Ratio & Proportion, Algebra, Geometry, Statistics & Probability</p> <p>Key Concepts, Knowledge & Skills to be Embedded: Revision of all Schemes – use whole class student QLAs to determine key areas to revisit.</p> <p>Links to Prior Learning: All.</p>	N/a

<p>Year 10 Scheme – 10.7h, 10.13h.</p> <p>Key Assessment Pieces:</p> <p>-</p> <p>Tier 3 Vocabulary Vault: Frequency density, class-width, distribution, reciprocal.</p> <p>Reading Exposure: Contextualised reading where appropriate to the lesson. Worded questions (including exam style questions) throughout lessons.</p> <p>Strategies to enable new concepts, knowledge & skills to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice</p>	<p>Key Assessment Pieces: November GCSE Mock Exams (4-6)</p> <p>Tier 3 Vocabulary Vault: Magnitude, direction</p> <p>Reading Exposure: Contextualised reading where appropriate to the lesson. Worded questions (including exam style questions) throughout lessons.</p> <p>Strategies to enable new concepts, knowledge & skills to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice</p>	<p>Key Assessment Pieces:</p> <p>-</p> <p>Tier 3 Vocabulary Vault: As appropriate.</p> <p>Reading Exposure: Contextualised reading where appropriate to the lesson. Worded questions (including exam style questions) throughout lessons.</p> <p>Strategies to enable new concepts, knowledge & skills to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice</p>	<p>Key Assessment Pieces:</p> <p>-</p> <p>Tier 3 Vocabulary Vault: As appropriate.</p> <p>Reading Exposure: Contextualised reading where appropriate to the lesson. Worded questions (including exam style questions) throughout lessons.</p> <p>Strategies to enable new concepts, knowledge & skills to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice</p>	<p>Key Assessment Pieces:</p> <p>-</p> <p>Tier 3 Vocabulary Vault: As appropriate.</p> <p>Reading Exposure: Contextualised reading where appropriate to the lesson. Worded questions (including exam style questions) throughout lessons.</p> <p>Strategies to enable new concepts, knowledge & skills to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice</p>	
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