

Year 10 Curriculum Overview Plan 2021-22: Mathematics (Foundation)

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Key Theme: Number, Geometry</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 9.3f – Metric & Imperial Units 9.4f – Pythagoras’ Theorem 9.5f – Proportion 9.6f – Congruence 9.7f – Inequalities 9.8f – Similarity</p> <p>Links to Prior Learning: Year 7 Scheme - 7.0, 7.1, 7.3, 7.6, 7.7, 7.8, 7.10, 7.12, 7.13, 7.15. Year 8 Scheme - 8.1, 8.4, 8.6, 8.7, 8.8, 8.9, 8.11, 8.13. Year 9 Scheme - 9.2f.</p>	<p>Key Theme: Number, Statistics, Algebra</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 9.9f – Rounding & Bounds 9.10f – Compound Units 9.11f – Probability Diagrams 9.12f – Real-life Graphs</p> <p>Links to Prior Learning: Year 7 Scheme – 7.5, 7.15. Year 8 Scheme - 8.8, 8.10, 8.12. Year 9 Scheme - 9.2f, 9.5f, 9.10f.</p>	<p>Key Theme: Algebra, Geometry</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 10.1f – Other Graphs 10.2f – Compound Growth 10.3f – Simultaneous Equations 10.4f – Constructions</p> <p>Links to Prior Learning: Year 7 Scheme – 7.3, 7.8, 7.15. Year 8 Scheme – 8.1, 8.6, 8.13. Year 9 Scheme - 9.2f, 9.12f.</p>	<p>Key Theme: Algebra, Geometry, Data</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 10.5f – Other Sequences 10.6f – Vectors 10.7f – Identities & Proof 10.8f – Scatter Graphs</p> <p>Links to Prior Learning: Year 7 Scheme – 7.5, 7.7, 7.8. Year 8 Scheme – 8.3, 8.6, 8.11. Year 9 Scheme – 9.2f.</p>	<p>Key Theme: Geometry, Number</p> <p>Key Concepts, Knowledge & Skills to be Embedded: 10.9f – Trigonometry 10.10f – Ratio Revisited</p> <p>Links to Prior Learning: Year 8 Scheme – 8.4, 8.6, 8.8. Year 9 Scheme – 9.4f</p>	<p>Key Theme: Number, Algebra, Geometry, Statistics</p> <p>Key Concepts, Knowledge & Skills to be Embedded: Revision of all Schemes – use whole class student QLAs to determine key areas to revisit for final year GCSE mocks.</p> <p>Links to Prior Learning: All.</p>

<p>to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice purposes, mini-quizzes using ABCD answer cards.</p>	<p>to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice purposes, mini-quizzes using ABCD answer cards.</p>	<p>to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice purposes, mini-quizzes using ABCD answer cards.</p>	<p>to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice purposes, mini-quizzes using ABCD answer cards.</p>	<p>to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice purposes, mini-quizzes using ABCD answer cards.</p>	<p>to embed in long-term memory: Diagnostic questions used in DIN tasks for retrieval practice purposes, mini-quizzes using ABCD answer cards.</p> <p>*Time calendared to recap key concepts where more depth needed*</p>
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