

AS Further Maths Curriculum Map

AS Further Maths	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
	<p>Core Pure 1:</p> <p>Matrices basics Introducing matrices The zero and identity matrices</p> <p>Linear Transformations 2D Transformations Invariance 3D Transformations</p> <p>Complex numbers Complex Numbers: Basics Argand Diagrams</p> <p>Decision Maths 1:</p> <p>Algorithms Tracing algorithms Algorithms and bin packing Sorting algorithms</p> <p>Graphs and networks Graph theory</p> <p>Algorithms on graphs Kruskal's Prim's & Dijkstra's Algorithms</p>	<p>Core Pure 1:</p> <p>Argand diagrams cont. Argand Diagrams</p> <p>Series Using formulae Method of differences</p> <p>Decision Maths 1:</p> <p>Algorithms on graphs cont. Kruskal's Prim's & Dijkstra's Algorithms</p> <p>Route inspection Shortest Path</p> <p>Linear programming LP - Graphical and modelling</p>	<p>Core Pure 1:</p> <p>Matrices Inverses, Singular Matrices, simultaneous equations Invariant lines</p> <p>Roots of polynomials</p> <p>Decision Maths 1:</p> <p>Linear programming cont. Modelling LP and graphical LP problems</p> <p>Critical Path Analysis</p> <p>Further Statistics 1: Discrete random variables DRV Discrete uniform distributions</p>	<p>Core Pure 1:</p> <p>Volumes of revolution</p> <p>Proof by induction Series Sequences Matrices</p> <p>Vectors Scalar products Planes</p> <p>Decision Maths 1:</p> <p>Revision</p> <p>Further Statistics 1:</p> <p>Poisson distribution Binomial distribution Poisson distribution</p>	<p>Core Pure 1:</p> <p>Vectors cont. Scalar products Planes</p> <p>Revision</p> <p>Decision Maths 1:</p> <p>Revision</p> <p>Further Statistics 1:</p> <p>Hypothesis testing Poisson distribution tests</p> <p>Chi-Squared tests Goodness of fit tests Chi-squared contingency table tests</p>	<p>Core Pure 1:</p> <p>Revision</p> <p>Decision Maths 1:</p> <p>Revision</p> <p>Further Statistics 1:</p> <p>Revision</p>
Independent Learning Link	<p>TLMaths Core Pure 1 - https://sites.google.com/view/tlmaths/home/a-level-further-maths/pure Decision Maths 1 - https://sites.google.com/view/tlmaths/home/a-level-further-maths/ocr-mei-modelling-with-algorithms Further Statistics 1 - https://sites.google.com/view/tlmaths/home/a-level-further-maths/ocr-mei-statistics-a-minor</p> <p>PMT CP1 - https://www.physicsandmathstutor.com/maths-revision/further-core-pure/ D1 - https://www.physicsandmathstutor.com/maths-revision/a-level-decision-1/ FS1 - https://www.physicsandmathstutor.com/maths-revision/further-statistics/</p>					