



QPHS Year 12 Further Maths Curriculum Map

Half term	Title	Unit summary	Assessment
1	CORE PURE: Chap 1 – Complex Numbers Chap 2 – Argand Diagrams	Core Pure introduces Complex Numbers and Argand Diagrams, focusing on complex number operations and geometric representation.	
	<i>Applied Topics TBC by students</i>		
2	CORE PURE: Chap 3- Series Chap 3- Roots of Polynomials	Core Pure covers Series and Roots of Polynomials, emphasizing algebraic techniques for solving equations and summation of sequences.	
3	CORE PURE: Chap 4- Volumes of revolution Chap 8- Proof by induction	Core Pure explores Volumes of Revolution and Proof by Induction, applying calculus to 3D shapes and logical reasoning.	Application of knowledge and skills from units of work through unit assessments. Including IA1 Assessment
4	CORE PURE: Chap 6 – Matrices Chap 7- Linear Programming	Core Pure examines Matrices and Linear Programming, focusing on solving systems of equations and optimisation problems.	Application of knowledge and skills from units of work through unit assessments.
5	CORE PURE: Chap 9 – Vectors	Core Pure delves into Vectors, focusing on vector algebra and geometry in 3D space.	AS Mock Exams
6	Review and revise	Dependent of student need	