QPHS Year 11 JEWEL PATHWAY   Maths Curriculum Map

Half term	Title	Unit summary	Assessment
1	**HIGHER:** **U16 – Simultaneous Equations and Algebraic Fractions** **Unit 17- Inequalities** **Unit 18- Vectors**	Solving simultaneous equations and inequalities. Manipulating algebraic fractions. Understanding and using vectors.	Application of knowledge and skills from units of work through bi-weekly assessments.
	FOUNDATION: **Unit 16- Statistics** **Unit 17- Pythagoras**	Working with different types of data and charts. Using Pythagoras' Theorem to find missing sides of a triangle.	
2	**HIGHER:** **Unit 19- Geometric Reasoning and Transformations** **Unit 20- Circle Theorems**	Developing skills to explain geometric rules and facts, through problem solving.	Application of knowledge and skills from units of work through bi-weekly assessments. MOCK 1 exam.
	FOUNDATION: **Unit 18- Similarity and Trigonometry** **Unit 19- Vectors**	Finding missing sides and angles in triangles. Understanding and using vectors	
3	**HIGHER:** **Unit 21- Proof and Algebraic reasoning** **Unit 22- Recurrence Relations** **Unit 23- Functions**	Extending understanding of algebraic proof. Understanding functions and recurrence relationships.	Application of knowledge and skills from units of work through bi-weekly assessments. MOCK 2 exam.
	FOUNDATION: **Unit 20- Geometric Reasoning and Congruence** **Unit 21- Linear Inequalities** **Unit 22- Simultaneous Equations**	Developing skills to explain geometric rules and facts, through problem solving. Solving simultaneous equations and inequalities.	
4	**HIGHER:** **Unit 24- Transformations of graphs** **Unit 25- Further Graphs**	Consolidate and extending understanding of graphs.	Application of knowledge and skills from units of work through bi-weekly assessments.
	FOUNDATION: **Unit 23- Linear Graphs** **Unit 24- Non- Linear Graphs**	Consolidate and extending understanding of graphs.	
5	**Revision and preparation for the GCSE exams**		GCSE Exams
6	**GCSE EXAMS**		