Section	Topic	Taught	RAG
1.1	Algebra - Argument and proof		
1.2	Algebra - Index laws		
1.3	Algebra - Surds		
1.4	Algebra - Quadratic functions		
1.5	Algebra - Lines and circles		
1.6	Algebra - Simultaneous equations		
1.7	Algebra - Inequalities		
2.1	Polynomials - Expanding and factorising		
2.2	Polynomials - The binomial theorem		
2.3	Polynomials - Algebraic division		
2.4	Polynomials - Curve sketching		
3.1	Trigonometry - Sine, cosine and tangent		
3.2	Trigonometry - The sine and cosine rules		
4.1	Calculus - Differentiation from first principles		
4.2	Calculus - Differentiating ax^n and Leibniz notation		
4.3	Calculus - Rates of change		
4.4	Calculus - Tangents and normals		
4.5	Calculus - Turning points		
4.6	Calculus - Integration		
4.7	Calculus - Area under a curve		
5.1	Logs and Exponentials - The laws of logarithms		
5.2	Logs and Exponentials - Exponential functions		
5.3	Logs and Exponentials - Exponential processes		
5.4	Logs and Exponentials - Curve fitting		
12.1	Algebra 2 - Further mathematical proof		
12.2	Algebra 2 - Functions		
12.3	Algebra 2 - Parametric equations		
12.4	Algebra 2 - Algebra fractions		
12.5	Algebra 2 - Partial fractions		
13.1	Sequences - The binomial series		
13.2	Sequences - Introduction to sequences		
13.3	Sequences - Arithmetic sequences		
13.4	Sequences - Geometric sequences		
14.1	Trigonometric identities - Radians		
14.2	Trigonometric identities - Reciprocal and inverse trig functions		
14.3	Trigonometric identities - Compound angles		
14.4	Trigonometric identities - Equivalent forms		
15.1	Differentiation 2 - The shapes of functions		
15.2	Differentiation 2 - Trig functions		
15.3	Differentiation 2 - Exp and log functions		
15.4	Differentiation 2 - Product and Quotient rules		
15.5	Differentiation 2 - The chain rule		
15.6	Differentiation 2 - Inverse functions		
15.7	Differentiation 2 - Implicit differentiation		
15.8	Differentiation 2 - Parametric functions		
16.1	Integration and differential equations - Standard integrals		
16.2	Integration and differential equations - Integration by substitution		
16.3	Integration and differential equations - Integration by parts		
16.4	Integration and differential equations - Integrating rational functions		
16.5	Integration and differential equations - Differential equations		
17.1	Numerical methods - Simple root finding		
17.2	Numerical methods - Iterative root finding		
17.3	Numerical methods - Newton-Raphson root finding		
17.4	Numerical methods - Numerical integration		