

Revision (5–6 weeks from exam)

Session	Topic	Subtopic	Important lessons	Done
1	Functions	Further Work with Functions (Graphical Relationships, Inequalities, Inverse Functions)	<u>Inequalities with a Variable in the Denominator</u> , <u>Graphing Inverse Functions</u>	<input type="checkbox"/>
2		Further Work with Functions (Parametric form of a function or relation)	Parametric Equations of Curves (<u>Part 1</u>) and (<u>Part 2</u>)	<input type="checkbox"/>
		Polynomials	<u>The Factor Theorem</u> , <u>The Remainder Theorem</u>	<input type="checkbox"/>
3	Trigonometric Functions	Inverse Trigonometric Functions	<u>General Solutions</u>	<input type="checkbox"/>
		Further Trigonometric Identities and Trigonometric Equations	<u>The t-formula</u> , <u>Trigonometric Identities and Equations</u>	<input type="checkbox"/>
4	Calculus	Rates of Change	<u>Exponential Growth and Decay</u>	<input type="checkbox"/>
		Further Calculus Skills	<u>Integrating the Inverse Trigonometric Functions</u>	<input type="checkbox"/>
5		Applications of Calculus	Volumes for Solids of Revolution, Solving Differential Equations: Separation of Variables	<input type="checkbox"/>
6	Combinatorics	Working with Combinatorics	<u>Probability Questions</u> , <u>The Binomial Theorem</u>	<input type="checkbox"/>
7	Proof	Proof by Mathematical Induction		<input type="checkbox"/>
8	Vectors	Introduction to Vectors and Further Operations with Vectors	Position Vectors, Perpendicular Vectors, Parallel Vectors, Using Vector Projections	<input type="checkbox"/>
		Projectile Motion	Applying Projectile Motion (<u>Part 1</u>) and (<u>Part 2</u>)	<input type="checkbox"/>
		Statistical Analysis	The Binomial Distribution and The Normal Approximation for the Sample Proportion	<input type="checkbox"/>
			Binomial Distribution - Exam Application (Part 1 and 2), Using the Normal Approximation for the Sample	<input type="checkbox"/>

Practice (3–4 weeks from exam)

Session	Topic	Subtopic	Confidence	Done
9	Functions	Further Work with Functions (Graphical Relationships, Inequalities, Inverse Functions)	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
10		Further Work with Functions (Parametric form of a function or relation)	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Polynomials	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
11	Trigonometric Functions	Inverse Trigonometric Functions	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Further Trigonometric Identities	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Trigonometric Equations	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
12	Calculus	Rates of Change	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Further Calculus Skills	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
13		Applications of Calculus	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
14	Combinatorics	Working with Combinatorics	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
15	Proof	Proof by Mathematical Induction	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
16	Vectors	Introduction to Vectors and Further Operations with Vectors	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Projectile Motion	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
	Statistical Analysis	The Binomial Distribution and The Normal Approximation for the Sample Proportion	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>