



Long Term Plan

IAL Maths



2021-2022	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 7 weeks	Spring 2 7 weeks	Summer 7 weeks
Year 12	1. Algebra and functions (P1) 2. Algebra and functions and proof (P2) 3. Coordinate geometry in the (x, y) plane (straight lines and circles) (P1/P2) 4. Representation and summary of data (S1)	1. Trigonometry (ratios, graphs, radians, identities and equations) (P1/P2) 2. Sequences and series (P2) 3. Exponentials and logarithms (P1) 4. Probability (S1)	1. Differentiation (P1/P2) 2. Integration (P1/P2) 3. Correlation and Regression (S1) 4. Discrete Random Variables (S1)	1. Normal Distribution (S1) Preparation for mock examinations and revision.	Study leave and revision for final exams
Year 13	1. Algebra and functions (P3) 2. Trigonometry (P3) 3. Exponentials and logarithms (P3) 4. Binomial and Poisson distributions (S2)	1. Differentiation (P3) 2. Integration (P3) 3. Numerical Methods (P3) 4. Continuous Random Variables (S2)	1. Algebra and Functions, Proof (P4) 2. Coordinate geometry in the (x, y) plane (P4) 3. Binomial expansion (P4) 4. Continuous distributions (S2)	1. Differentiation (P4) 2. Integration (P4) 3. Vectors (P4) 4. Hypothesis testing (S2)	Study leave and revision for final exams