Scheme of Work - Progression

Applications and Intepretations SL

Year 12 IB

Period 1	• Numbers • Exponents and Systems Linear Equations • Quadratics

Autumn – Mid-Term Holiday

Period 2	• Arithmetic Sequences • Geometric Sequences • Lines

Winter Holiday

Period 3	• Functions • Exponents and Logarithms-1 • Polynomial Models

Winter – Mid-Term Holiday

Period 4	• Power and Exponential models • Trigonometry • Sinusoidal Model • 3D Geometry

Spring Holiday

Period 5	• Arcs and Sectors • Financial Applications • Linear Regression • Probability

Scheme of Work - Progression

Applications and Intepretations SL

Year 13 IB

Period 1	• Spearman's Rank Correlation • Limits, Derivatives, Tangent Lines, Maxima/Minima/Optimization

Autumn – Mid-Term Holiday

Period 2	• Anti-differentiation • Definite Integrals and Area under the Curve • Trapezoidal Rule • Further Geometry: Arcs and sectors of circles, Voronoi diagrams

Winter Holiday

Period 3	• Further Algebra: modelling with linear, quadratic, exponential, logarithmic, and sinusoidal models • Approximation and further financial applications

Winter – Mid-Term Holiday

Period 4	Revision for Paper 1 and Paper 2

Spring Holiday

Period 5	Revision for Paper 1 and Paper 2