

Scheme of Work - Progression

AP Calculus

Year 12 / 1ère BFI

Period 1	<ul style="list-style-type: none">• Simple functions: quadratics, rational functions;• Continuous functions, removable discontinuities;• Differentiation
Autumn – Mid-Term Holiday	
Period 2	<ul style="list-style-type: none">• Differentiation
Winter Holiday	
Period 3	<ul style="list-style-type: none">• Trigonometric functions:• Implicit differentiation• Inverse functions
Winter - Mid-Term Holiday	
Period 4	<ul style="list-style-type: none">• Application of differential calculus• Optimization problems• L'Hospital's Rule
Spring Holiday	
Period 5	<ul style="list-style-type: none">• Exponents and logarithms• Derivatives of exponential and logarithmic functions• Introduction to integral calculus