



CURIOSITY

COMPASSION

COURAGE



Academic Outline 2024-25

A Level Further Mathematics

	Term 1 Aug-Oct	Term 2 Nov-Dec	Term 3 Jan-Feb	Term 4 Mar-Apr	Term 5 Apr-May	Term 6 Jun-Jul
Year 13:	<ul style="list-style-type: none"> Core Chapter 1 - Complex Numbers Integral Complex Numbers Core Chapter 2 – Series Integral Series Core Chapter 3 - Methods in Calculus Integral Methods in Calculus 	<ul style="list-style-type: none"> Core Chapter 4 - Volumes of Revolution Integral Volumes of Revolution Core Chapter 5 - Polar Coordinates Integral Polar Coordinates Core Chapter 6 - Hyperbolic Functions Integral Hyperbolic Functions 	<ul style="list-style-type: none"> Core Chapter 7 – Methods in Differential Equations Integral First Order Differential Equations Integral Second Order Differential Equations Decision Chapter 6 – Linear Programming Integral Linear Programming Mechanics Chapter 4 – Elastic Collisions in One Dimension Integral Elastic Collisions in One Dimension 	<ul style="list-style-type: none"> Core Chapter 8 – Modelling with Differential Equations Integral Differential Equations Decision Chapter 7 – Simplex Algorithm Integral Simplex Mechanics Chapter 5 – Elastic Collisions in Two Dimensions Integral Elastic Collisions in Two Dimensions 	<ul style="list-style-type: none"> Revision 	