

# Further Maths A Level Subject Learning Journey



## CP1 - Complex numbers 1

Writing complex numbers, Argand diagrams, Loci

## CP1 - Series

Proof of sums of natural numbers

## CP1 Matrices

## CP1

Proof by induction

## CP1 Roots of polynomials

## CP1 Linear transformations

## CP1 Volumes of revolution 1

Year 12

## D1 Algorithms

## D1 Linear programming

## D1 Simplex

## D1 Graphs & Networks

## D1 Algorithms on graphs

## CP1 - Vectors 1

## CP2 - Second order differential equations

## CP2 Complex numbers 2 De Moivre's Theorem

## Y13 Integration techniques

## FP1 - T formulae

## D1 Resource Scheduling, histograms

## D1 Critical Path Analysis 1

## D1 Route Inspection

Year 13

## FP1 - Reducible Differential equations

## FP1 - Conics 1

## FP1 - Vectors

## FP1 - Conics 2

## D1 Travelling Salesman Problems

## CP2 - First order differential equations

## FP1 - Inequalities 1

## CP2 - Maclaurin Series

## FP1 - Modulus inequalities

## FP1 - Numerical Methods

## CP2 - Volumes of revolution 2

## CP2 - Methods in Calculus - indefinite integrals Mean of a function

## CP2 - Polar Coordinates

## FP1 - Numerical Methods

## CP2 - Volumes of revolution 2

A  
Level  
Ready  
!

## CP2 - Hyperbolic Functions

## FP1 - Taylor Series

## CP2 - Modelling with Differential Equations

## FP1 - Methods in Calculus Liebnitz's Theorem L'Hopital's rule Wierstrasse substitution

## CP2 - Complex numbers 3 Nth roots Complex series