

Further Maths GH6 Learning Journey

Skills

Year 13

"Are you Fit for FEET?"

KS5 A-Level Curriculum (Edexcel)

Tutoring Sessions Intervention

Clinic Intervention

P6 & Revision Sessions

Build schema around Y1/2 Pure and Applied prior content.



Year 12

"Introduction to A-Level Mindset"

KS5 AS-Level Curriculum (Edexcel)

Clinic Intervention

Make connections between GCSE+ prior knowledge and Y1 Pure and Applied content.

Knowledge

Elastic Collisions in 1 and 2 dimensions

Revision Final

Final A-Level Exams A-Level Further Maths Exam Results Future Education, Employment & Training

Methods in Differential Equations

Elastic Strings and Springs

Volumes of Revolution Year 2

Hooke's Law

Hyperbolic Functions

A-Level Mock Exams

Intervention
Groups Amended

Methods in Calculus

Mechanics Experiments

Year 2 Integration

Recap of Decision 1

Momentum and Impulse Maclaurin's Series

Work, Energy and Power **Polar Graphs**

Complex Numbers Year 2

Identify Intervention Groups



Vectors

Volumes of Revolution

End of Year Exams

Simplex Algorithms

Critical Path Analysis

Mock Exams

Linear Programming

Linear Transformations

Travelling Salesman Problems

Proof by Induction

Maths-in-action Talk

Graphs and Networks

Roots of Polynomials

Pupils identified for Maths Clinic Intervention

Series

Matrices

Algorithms on Graphs



Year 12

Baseline Exam

Assessment of prior knowledge and skills accumulated during KS4.

Identify pupils for Maths Clinic

Argand Diagrams

Complex Numbers

Algorithms