



Mathematics Department –GCSE Further Maths Scheme of Work

Textbooks: CCEA GCSE Further Maths Textbook
Edexcel C1 and C2 books used as extension

Pure Mathematics

- 1 Simplifying Algebraic Expressions
- 2 Equations
- 3 Simultaneous Equations
- 5 Solution of Triangles
- 4 Trigonometry

Test on Chpts 1-5

- 6 Differentiation
- 7 Tangents and Normals
- 8 Turning Points
- 9 Integration
- 10 Area

Test on Chpts 6-10

Mechanics

- 14 Vectors (This vector topic appears on the Pure Maths paper)
- 15 Displacement and Velocity/Time Graphs
- 16 Constant Acceleration
- 17 Newton's Laws

Statistics

- 23 Understanding and using Statistical Terminology
- 24 Measures of Central Tendency and Dispersion
- 25 Probability

Mock Examination

Statistics

26 Bivariate Analysis

Mechanics

18 Forces

19 Vectors

20 Friction

21 Connected Bodies

22 Moments

Pure Mathematics

11 Matrices

12 Logarithms

13 Solving Index Equations using Logarithms

Full Mock Examination