

Maths

Edexcel 9MA0

AS | A Level

Aims

- Mathematical argument, language and proof
- Mathematical problem solving
- Mathematical modelling

Content

Pure: Proof, Algebra and functions, Co-ordinate geometry, Sequences and series, Trigonometry, Exponentials and logarithms, Calculus, Vectors.

Statistics: Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing.

Mechanics: Quantities, Kinematics, Forces and Newton's laws, Moments)

Why

- Gain mathematical skills that help with the transition into higher education
- The fact that maths complements many other A-level subjects
- Learning mathematical skills that will help them in many careers
- Understanding of the mathematics that underpin many aspects of our lives
- Acute logical thinking and problem-solving abilities
- The ability to process, interpret and analyse information

Assessment

- Edexcel: Three exams, taken summer 2022

Teacher: Miss Bushell