

MATHEMATICS

Edexcel A Level

Code: 9MAO

Taught hours per week: 6 hours

Course Leader: Miss S Wilkinson

swilkinson@bohunt.hants.sch.uk

Course Content

Pure Mathematics

Proof
Algebra and functions
Coordinate geometry
Sequences and series
Trigonometry
Exponentials and logarithms
Differentiation
Integration
Vectors
Numerical methods

Statistics

Sampling
Data presentation and interpretation
Probability
Distributions
Hypothesis testing

Mechanics

Quantities and units
Kinematics
Forces and Newton's law
Moments

Assessment

Pure Mathematics:

2 x 2 hour written examination 100 marks each
1/3 of final grade each

Statistics and mechanics:

1 x 2 hour written examination 100 marks
1/3 of final grade



Entry requirements:

Minimum grade 7 in GCSE Mathematics

