SIR WILLIAM ROBERTSON ACADEMY

MATHEMATICS CURRICULUM MAP

EXAMS!

TERM 6
- MATHS - Exams
- FURTHER - Exams

REVISION

REVISION & EXAMS

TERM 5
- MATHS - Exam Preparation
- FURTHER - Exam Preparation

Applied Maths Mock

YEAR 13 MOCK

End of Term Assessment

TERM 4
- MATHS - Year 2 Stats/ Mechanics
- FURTHER - Methods of Calculus, Reducible Differential Equations, Simplex Algorithm, Critical Path Analysis

TERM 3
- MATHS - Calculus, Vectors
- FURTHER - Conics, Taylor Series, Algorithms, Travelling Salesman

TERM 2
- MATHS - Trigonometry, Parametric Equations
- FURTHER - Hyperbolic Functions, Differential Equations

TERM 1
- MATHS - Binomials, Angles, Trigonometry
- FURTHER - Integration, Polar Coordinates

End of Term Assessment

End of Term Assessment

Further Study
Mixed Exercises, Review chapters, key points, past papers, exam questions.

Career Paths
Accountant, Actuary, Engineer, Doctor, Teacher, Finance, ANYTHING!

Skills
Problem Solving, algebraic fluency, real world application, data analysis, modelling

Interest
Finance, Sport, Probability, growth and decay, FOR THE LOVE OF MATHEMATICS!

Year 13

TERM 6
- MATHS - Algebra, Functions, Sequences
- FURTHER - Complex Numbers, Series, Methods of Calculus

End of Term Assessment

End of Term Assessment

End of Term Assessment

TERM 5
- MATHS - Probability, Algebraic Methods
- FURTHER - Trigonometry, Further Calculus

TERM 4
- MATHS - Data, Correlation, Forces
- FURTHER - Inequalities, T-Formulae, Numerical Methods, Linear Programming, Critical Path Analysis

TERM 3:
- MATHS - Trigonometry, Vectors, Exponentials, Models, Acceleration
- FURTHER - Integration, Vectors, Conics, Algorithms, Graph Theory

YEAR 12 MOCK

End of Term Assessment

End of Term Assessment

TERM 1:
- MATHS - Algebra, Graphs, Coordinate Geometry
- FURTHER - Complex Numbers, Series, polynomials

TERM 2:
- MATHS - Algebraic Methods, Calculus
- FURTHER - Matrices, Induction, Vectors

Year 12