SIR WILLIAM ROBERTSON ACADEMY

MATHEMATICS CURRICULUM MAP

Further Study
A solid grounding in Maths can boost your ability in Science, Computing, Business, Geography, and many more

Career Paths
Ranging from Mechanics to Medicine, an A Level in mathematics is looked upon favourably by a great many careers

Skills
Numerical fluency, problem solving, team work and independence – Maths develops it all!

Interest
A continued passion and love of learning about the language of the universe!

Year 11

Mock 1

ALGEBRA, NUMBER & PROBABILITY
- Sequences
- Standard Form
- Circles
- Venn Diagrams

Mock 2

ALGEBRA,RATIO & GEOMERTY
- Equations
- Rates
- Constructions
- Trigonometry
- Transformations

REVISION

REVISION & EXAMS

RATIO & GEOMETRY
- Ratio & Proportion
- Area & Volume
- Similarity & Congruence

End of Year Exam

NUMBER, GEOMETRY & ALGEBRA
- Powers & Surds
- Pythagoras & Trigonometry
- Simultaneous Equations

GEOMETRY & DATA
- Angles
- Graphs
- Vectors

NUMBER, GEOMETRY & DATA
- Rounding
- Area & Perimeter
- Data

NUMBER, ALGEBRA & PROBABILITY
- Non-Calc Methods
- Straight Line Graphs
- Probability

Exam Assessment 2

Year 10

Term 2 Assessment

NUMBER, ALGEBRA & RATIO
- Money
- Straight Line Graphs
- Ratio

ALGEBRA & GEOMETRY
- Constructions
- Congruence
- Algebraic Manipulation

End of Year Exam

ALGEBRA, GEOMETRY & PROBABILITY
- Pythagoras
- Non-Linear Graphs
- Probability

GEOMETRY & ALGEBRA
- Transformations
- Simultaneous Equations
- Trigonometry

ALGEBRA
- Equations, Inequalities & Formulae
- Quadratics

NUMBER
- Percentages
- Ratio
- Fractions

Exam Assessment 1

Year 9

Term 1 Assessment

ALGEBRA & NUMBER
- Equations
- Fractions
- Rates
- Standard Form

NUMBER & GEOMETRY
- Number
- Percentages
- Area & Volume

End of Year Exam

GEOMETRY, STATS & ALGEBRA
- Circles
- Graphs
- Sequences

GEOMETRY & PROBABILITY
- Angles
- Tables
- Probability

ALGEBRA, NUMBER & STATISTICS
- Indices
- Standard Form
- Data

Term 2 Assessment

GEOMETRY, ALGEBRA & NUMBER
- Area, Volume & Density
- Equations & Inequalities
- Percentages

NUMBER & ALGEBRA
- Coordinate & Graphs
- Fractions
- Symmetry & Reflection

Term 1 Assessment

Year 8

Insert Assessment Title where needed

NUMBER & GEOMETRY
- Directed Number
- Frac/Decs of Amounts
- Perimeter & Area

NUMBER & RATIO
- Speed Distance Time
- Properties of Number

End of Year Exam

NUMBER & GEOMETRY
- Fractions
- Angles & Polygons

RATIO & ALGEBRA
- Ratio
- Proportion
- Algebraic Manipulation

Term 2 Assessment

Term 1 Assessment

Year 7

NUMBER & STATISTICS
- Graphing Data
- Fractions, Decimals, Percentages

NUMBER & STATISTICS
- Place Value
- Averages & Range
- Rounding & Estimation

NUMBER & ALGEBRA
- Sequences
- Notation
- Expressions & Equations