



SUBJECT 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!

To Finish...

- Similarity
- Vectors
- Graphs
- Proportion
- Complex Graphs

Revision

- Mock papers
- Question Level Analysis
- Laser sharp focus!

Intermediate Maths Challenge

Mock Set 2

REVISION

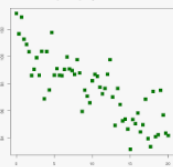
REVISION & EXAMS

Mock Set 1

Number & Geometry

- Fractions
- Indices
- Standard Form
- Congruence
- Vectors

Materials for quality materials KS3



$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

YEAR 11

Algebra & Geometry

- Circles
- Sectors
- Spheres
- Algebraic Fractions

Algebra & Geometry

- Loci
- Quadratics
- Graphs
- Circle Theorems

Data, Probability, Geometry

- Probability
- Compound Meas
- Harder Trig
- Statistical Diagrams

Geometry

- Trigonometry
- Trig in 3D
- Similarity
- Congruence

End of Year Assessment

GCSE Calculator Assessment Intermediate Maths Challenge



$$16 - 2t = 5t + 9$$

END OF TERM ASSESSMENT



GCSE Non-Calculator Assessment

Probability, Geometry, Proportion

- Transformations
- Ratio
- Proportion
- Venn Diagrams
- Compound Measures

Number, Data, Proportion

- Graphs
- Fractions
- Scatter Graphs
- Averages
- Ratio

Number, Algebra, Geometry

- Percentages
- Equations
- Sequences
- Angles
- Perimeter, Area

Data & Geometry

- Angles
- Averages
- Surds
- Pythagoras
- Trigonometry

Geometry

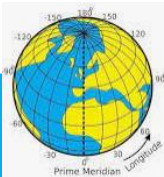
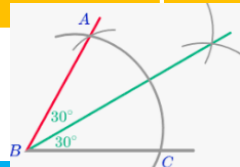
- Area
- Volume
- Circles
- Transformations
- Constructions

YEAR 10

End of Year Assessment

Algebra & Probability

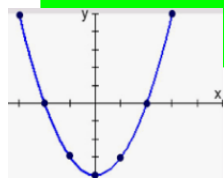
- Linear Graphs
- Equations
- Inequalities
- Probability



END OF TERM ASSESSMENT

Algebra

- Simplifying
- Equations
- Sequences
- Quadratics



Number

- Roundings
- Prime Factors
- Estimation
- Indices
- Standard Form

Handling Data

- Collecting
- Displaying

Geometry

- Perimeter
- Area
- Volume
- Complex Shapes

Algebra & Geometry

- Sequences
- Constructions

Graphs

- Coordinates
- Linear Graphs

YEAR 9

End of Year Assessment



8.35×10^8
 835000000

Number

- Roundings
- Prime Factors
- Estimation
- Indices
- Standard Form

Handling Data

- Collecting
- Displaying

Geometry

- Perimeter
- Area
- Volume
- Complex Shapes

Algebra & Geometry

- Sequences
- Constructions

Graphs

- Coordinates
- Linear Graphs



END OF TERM ASSESSMENT

Number & Algebra

- Fractions
- Percentages
- Algebra

Proportion & Geometry

- Ratio
- Angles



Geometry

- Symmetry
- Transformations
- Perimeter
- Area
- Volume

Handling Data

- Collecting
- Displaying

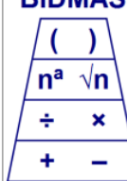
YEAR 8

End of Year Assessment

Number

- BIDMAS
- Approximation
- Indices

BIDMAS



$$x^a \times x^b = x^{a+b}$$
$$x^a \div x^b = x^{a-b}$$



Number

- Decimals
- Percentages

addition
variable value
 $x + 5 = 10$
what 'x + 5' is equal to

More Number & Algebra

- Equations
- Fractions

Number & Algebra

- Integer operations
- Introduction to algebra

YEAR 7

- Diagnostic "yellow booklet" homework completed by all year group.
- Pink feedback sheets conclude the process to consolidate learning

A01

USE & APPLY
Facts, Notation & Procedures



A02

REASONING
Deductions, Inferences,
Communication & Arguments



A03

PROBLEM SOLVING
Processing, making
connections and evaluating

