MATHS LEARNING JOURNEY

HIGHER

Start a local Apprenticeship

Continue your studies at Bishop Sixth Form or another College

Next steps:
- University
- Entering employment

6TH FORM

Graph transformations
Trigonometric identities
Polynomial division
Factor theorem
Simultaneous equations
Completing the square
Solving quadratics
Convergence & divergence
Sequences
PMCC
Normal distribution
Weighted mean
Proportional pie charts
Sine & Cosine rules
Enlargement
Matrices
Negative & fractional indices
Rationalising surds
Scale factors
Exact trig values
Proportional problem solving
Histograms
Quadratic formula
Consumer Price Index
Calculus
Inequalities
Functions

Rule of Law

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Respect & Tolerance
Individual Liberty

Correlation
Standard deviation
Binomial distribution
Tree diagrams & Venn
Kinematic graphs
Parallel & perpendicular lines
Graphical inequalities
Simultaneous equations
The Maths of Finance
Year 9 M1 Business
Rule of Law
Spearman's Rank
Cumulative frequency
Central tendency
Sampling
Scatter diagrams
Averages
Box plots
Graphs of circles
Sequences
Factorising & expanding expressions
Decimal & negative calculations
Rationalising surds
Algebraic fractions
Rounding & error intervals
Prime factor decomposition
HCF & LCM
Ratio
Indices
Percentage change
Fraction problems
Compound interest
Graphical proportion
Surface area & volume
2D & 3D trigonometry
Vectors
Iteration
Transformations
Circle theorems
2D & 3D Pythagoras
Congruence & similarity
Scale & enlargements

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Compound interest
Compound measures
Algebraic proportion
Congruence
Rounding & Error Intervals
Standard index form
Powers & Roots
Plans & elevations
Arcs & sectors
Trigonometry
Expressions
Linear inequalities
Sequences
Parallel graphs
OR & AND rules
Averages
Histograms
Correlation
Tree diagrams
Venn & set notation
Quadratic graphs
Simultaneous equations
Quadratics
Identities
Pythagoras
Similarity
The Maths of War
Democracy
Surds
Index laws

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Central tendency
Time series
Sampling
Tree diagrams & Venn
Kinematic graphs
Straight line graphs
The nth term
Solving equations
Volume of prisms
Circumference & area of a circle
Bearings
Year 9 M1 Creative Arts
1D, 2D and 3D scale factors
Polygon properties
Angles in parallel lines
Compound shapes
Direct & inverse proportion
Ratio
Year 9 M2 Science
Percentages
The Maths of War
Rounding, limits & bounds
Negative integers & decimals
Prime numbers
Correlation
Choropleth maps & Population pyramids
Respect & Tolerance
Year 9 M2 Geography
Compound units
Mutually exclusive events
The Maths of Finance
Quadratic graphs
Inequalities
Factorising & expanding
Expressions
Constructions
Scale drawings
BIDMAS
Prime factor decomposition
Fractions
Reciprocals

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Data types
Data tables
Charts
Conversions
Units of measure
Coordinates
Parallel & perpendicular lines
Equations
Expressions
Formulae
Function machines
Angles properties
3D shape properties
Year 7 M2 Creative Arts
Sequences
Probability
Averages & range
The Maths of Finance
Circle properties
Year 9 M1 Creative Arts
2D shape properties
Volume of cuboids
Ratio
Fractions
BIDMAS
Number types
Positive integers & decimals
Transformations
Perimeter & area
Percentages
The Maths of War
Powers & Roots
Estimating & Rounding
Place value
Democracy

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Forge and develop friendships that will last a lifetime
Respect & Tolerance
Develop a lifelong love of learning
Develop a thirst for reading
Build a solid foundation in education

Sapere Aude