KS4 Mathematics Foundation Tier Learning Journey

THE WINSFORD ACADEMY

GCSE Examinations

GCSE EXAM REVISION

Ratio & Proportion
- Direct and Inverse Proportion

Geometry
- Similarity and Congruence in 2D Shapes

Algebra
- Quadratic and Cubic Graphs
- Real Life Graphs

Data Handling & Probability
- Speed, Time and Distances

Mock Examinations

Algebra
- Simultaneous Equations
- Forming and Solving Equations

Geometry
- Trigonometry
- Pythagoras' Theorem
- Constructions
- Vectors
- Transformations

Geometry

Number

YEAR 11

Number
- Indices, Powers and Roots
- Standard Form

Geometry
- Straight-line Graphs
- Alternate and Corresponding Angles
- Interior and Exterior Angles
- 3D Forms

Data Handling & Probability
- Scatter Graphs
- Averages
- Time Series
- Pie Charts
- Averages from a table

Assessment Point 2
- Plans and Elevations
- Surface Area and Volume
- Circles, Arcs and Sectors
- Area and Perimeter
- Bearings
- Properties of Shapes and Angles
- Coordinate Geometry
- Sequences

Algebra
- Frequency Diagrams
- Drawing and Interpreting Tables and Charts
- Venn Diagrams
- Two Way Tables
- Probability
- Probability Trees
- Frequency Trees

Assessment Point 1

Data Handling & Probability
- In Making the Subject
- Solving Equations
- Factorising
- Expanding and Simplifying
- Substitution and Expressions

Algebra
- Exchange rates
- Ratios and Proportions: recipes etc
- Percentages
- Fractions

Ratio & Proportion
- Best Value
- Rounding and Estimation
- Primes, Factors and Multiples
- Powers, Roots and Decimals

YEAR 10

Number

welcome