Year 10 Higher Curriculum Overview

Autumn Half Term 1

- Expanding double brackets revision
- Quadratics – factorising, solving, formula, completing the square
- Year 9 review week
- Probability tree diagrams

Autumn Half Term 2

- Compound measures – speed, density, pressure

TERM 1 ASSESSMENT (All topics listed prior)

- Trig and Pythagoras revision
- Sine and cosine rule
- Linear inequalities revision

Spring Half Term 1

- CF graphs and box plots
- Compound interest
- Simultaneous equations

Spring Half Term 2

- Year 9 review week
- Quadratic simultaneous equations

TERM 2 ASSESSMENT (All topics prior)

- Similar and congruent triangles
- Similar shapes – length, area and volume
- Capture-recapture sampling

Summer Half Term 1

- Histograms
- Upper and lower bounds
- Algebraic fractions

Summer Half Term 2

TERM 3 ASSESSMENT (All topics prior)

- Year 9 review week
- Circle theorems
- Sketching quadratic graphs
- Venn diagram probability and set notation

Disciplinary Literacy

Similarity, Quadratic, Successive Events, Independent Events, Compound Measure, Cumulative Frequency, Compound Interest, Congruency, Histogram, Error Interval, Set

Year 10 Foundation Curriculum Overview

Autumn Half Term 1

- Negative number revision
- Plotting linear graphs
- Y = mx + c
- Proportion revision – ratios, fractions, percentages
- Transformations – all types

Autumn Half Term 2

- Year 9 review week
- Probability
- Listing outcomes and sample space diagrams

TERM 1 ASSESSMENT (All topics listed prior)

- Tree diagrams
- Compound measures
- Pythagoras' theorem

Spring Half Term 1

- Fractions operations revision
- Expanding double brackets
- Percentages – multiplier method
- Compound interest

Spring Half Term 2

- Trig
- Year 9 review week
- Proportion problems – recipes, best buys, currency, conversion graphs

TERM 2 ASSESSMENT (All topics prior)

- Circumference and area of circles

Summer Half Term 1

- Inequalities inc. 2-way
- Constructions
- Plotting quadratic graphs

Summer Half Term 2

TERM 3 ASSESSMENT (All topics prior)

- Year 9 review week
- Venn diagrams – sorting elements
- Bearings
- Distance-time graphs

Disciplinary Literacy

Gradient, y-intercept, Proportion, Sample Space, Compound Measure, Percentage Multiplier, Compound Interest, Conversion, Exchange Rate, Circumference, Inequality, Bearing

Year 11 Higher Curriculum Overview

Autumn Half Term 1

- Changing the subject (advanced)
- Expanding triple brackets
- Algebraic proof
- Year 10 review week
- Vectors

Autumn Half Term 2

- Proportion equation problems
- Year 9 review week
- Functions inc. inverse and composite
- Iteration
- Trig graphs, exact values and equations
- Graph transformations

YEAR 11 MOCKS

Spring Half Term 1

- Graph of a circle
- Product rule for counting
- Spheres, cones, frustums

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Spring Half Term 2

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Summer Half Term 1

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Summer Half Term 2

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Disciplinary Literacy

Proof, Vector, Function, Iteration, Transformation,

Year 11 Foundation Curriculum Overview

Autumn Half Term 1

- Expanding double brackets revision
- Factorising quadratics (a = 1 only)
- Laws of indices
- Year 10 review week
- Standard form
- Similar shapes

Autumn Half Term 2

- Plotting quadratic, cubic, reciprocal graphs
- Year 9 review week
- Change the subject of the formula
- Volume of cones, pyramids (formula)
- Simultaneous equations inc. by using a graph

YEAR 11 MOCKS

Spring Half Term 1

- Solving quadratic equations
- Column vectors and basic algebraic vectors

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Spring Half Term 2

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Summer Half Term 1

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Summer Half Term 2

ALL GCSE TOPICS NOW COVERED

Scheme of revision for non-specialist/new teachers in place, but staff encouraged to use analysis of mocks and homework and respond to the needs of individual classes.

Disciplinary Literacy

Quadratic, Standard Form, Cubic, Reciprocal, Volume, Vector