

MATHS KEY STAGE 4 SUBJECT CURRICULUM LEARNING JOURNEY (FOUNDATION TIER)



YEAR 10

Compound Measures: Speed, Density, Pressure.

Pythagoras, Trig, Inequalities.

Bearings, Scale Drawings, Straight Line Graphs.

Simultaneous Equations: Graphical, Substitution, Elimination.

Circle Geometry: Area, Circumference, Arcs, Sectors.

Statistics: Populations, Charts, Averages.

Rates of Change: Speed, Distance, Time.

Probability: Venn Diagrams, Tree Diagrams.

Ratios, Fractions, Direct/Inverse Proportion.

Volume & Density of Prisms, Vectors.

Quadratic Graphs: Plotting and Solving.

Arithmetic, Estimation, Financial Maths.

Loci, Constructions, Growth & Decay.

Expanding, Factorising, Inequalities. Linear & Non-Linear Graphs. Using Graphs,

YEAR 11

Similarity, Congruence, Enlargement.

Volume: Pyramids, Cones, Spheres. Pythagoras & Trigonometry.

Laws of Indices, Standard Form. Percentages, Compound Measures, Ratios.

Probability, Formulae.

Proportion, Estimation, Data.