PEMBROKE
A PRIORY ACADEMY

Pembroke Mathematics Curriculum Map 2026-2027

Year 7

Module 1: Place value, Four operations, Algebraic notation
Module 2: Averages and range, Rounding and estimating, Directed number
Module 3: Sequences, Expressions and equations, Graphing data
Module 4: Fractions, decimals and percentages, Fractions and percentages of amounts, Area and perimeter
Module 5: Add and subtract fractions, Properties of number
Module 6: Angles and polygons, Speed distance time

Year 8

Module 1: Ratio & scale, Multiplicative scale, Algebraic manipulation
Module 2: Coordinates and graphs, Multiply and divide fractions
Module 3: Symmetry and reflections, Area, volume and density, Equations and inequalities
Module 4: Percentages, Interpret and represent data, Angles in parallel lines and polygons
Module 5: Tables and probability, Graphs and charts, Sequences
Module 6: Indices, Standard form, Circles

Year 9

Module 1: Properties of number, Percentages, Area and volume
Module 2: Equations, inequalities and formulae, Fractions, Rates
Module 3: Straight line graphs, Ratio and proportion, Constructions and congruence
Module 4: Similarity, Algebraic manipulation, Pythagroas' theorem
Module 5: Probability, Non-linear graphs, Transformations
Module 6: Simultaneous equations, Trigonometry, Maths and money

Year 10

Module 1: Algebraic manipulation, Percentages, Equations, inequalities and formulae
Module 2:, Ratio and scale, Quadratic expressions and equations, Work with fractions, Non-calculator methods
Module 3: Straight line graphs, Probability, Rounding and estimating
Module 4: Perimeter, area and volume, Interpret and represent data, Angles
Module 5: Graphs and diagrams, Vectors, Factors, powers and surds
Module 6: Pythagoras' theorem and trigonometry, Simultaneous Equations, Non-linear graphs

Year 11

Module 1: Ratio and proportion, Area and volume, Similarity and congruence
Module 2: Sequences and proof, Standard form, Work with circles, Set notation and Venn diagrams
Module 3: Functions and graphs, equations and formulae, Rates
Module 4: Angles, bearings and trigonometry, Constructions and loci, Transformations
Module 5: Review & revision.