



P6 syllabus

Calculators Allowed

Numeration (P6)

Number notation and place values, including decimals and fractions

Application of factors and multiples in problem solving

Numerical manipulations

Solving word problems involving the 4 operations, including order of operations

Algebra (P6)

Representation of an unknown number using a letter

Solving word problems involving algebraic expressions

Percentage (P6)

Solving for percentage part or whole of a quantity

Expressing one quantity as a percentage of another

Comparison of two quantities by percentage

Solving word problems involving percentage

Ratio (P6)

Expressing a ratio on its simplest form

Solving word problems involving ratio of two or three given quantities, their sum or difference, before and after change

Measurement (P5)

Time in years, months, weeks, days, hours, minutes and seconds, 24-hour clock

Area and Perimeter of composite figures

Length, mass and volume of cuboids

Area of triangle

Volume of cube and cuboid

Spatial visualisation

Geometry (P5)

Properties of angles

Angles and properties of triangles, parallelogram, rhombus and trapezium

Symmetry

Data Analysis (P5)

Interpreting data from tables, bar charts and line graphs

Average

Logic (P5)

Inferring and deducing relationships between objects given a set of clues

Combinatorics (P5)

Finding largest, smallest or optimal number of options satisfying certain criteria, deciding when the criteria can be met