



數學 (英文班) 教學內容

K3 & PRIMARY 1

Numbers to 100
Addition
Subtraction
Straight lines and curves
Length and distance
3-D shapes
2-D shapes
Time
Year, month and day
Hong Kong money

PRIMARY 2

3-digit numbers and 4 digit numbers
Addition and subtraction (II)
Angles and perpendicular lines
Metre
Basic multiplication
Time
3-D shapes
Hong Kong money (II)
Basic division
The four directions
Line segment and quadrilaterals
Pictograms

PRIMARY 3

5-digit numbers
Multiplication
Kilometre and millimetre
Time
Division
Parallel lines and quadrilaterals
Weight
Mixed operations
Triangles
Fractions
Capacity
Bar charts

SECONDARY 1

Fundamental Mathematics
Directed numbers
Using algebra to solve problems
Percentages
Estimation in numbers and measurement
Introduction to geometry
Introduction to statistics
Introduction to coordinate
Geometry
Symmetry and transformation
Congruence and similarity
Area and volume (I)
Angles related to lines
Rates and ratio

SECONDARY 2

Manipulations and factorisation of polynomials
Identities and factorisation
Formulas
Laws of integral indices
Approximation and errors
Statistical diagrams and graphs
Linear equations in two unknowns
Angles in rectilinear figures
Deductive geometry
Square roots and Pythagoras' theorem
Trigonometric ratios
Area and volume (II)

SECONDARY 3

More about factorisation of polynomials
Linear inequalities in one unknown
More about percentages
More about 3-D figures
Measures of central tendency
Probability
Area and volume (III)
Quadrilaterals
Lines and centres of a triangle
Applications of Trigonometry
Coordinate geometry of straight lines