

Understanding Maths is doing Maths!



Algebra and Graphs



Sequences, Finding the nth-term, Quadratic sequences



Introducing the essential Algebraic Language



Simplifying
Expressions,
Collecting like terms



How to Expand
Brackets and
simplify expressions



Laws of Indices, Exponents, Base, Power, Index



Solving Simultaneous

Equations using 3

methods



Graphing Functions, Linear, Parabolas, Cubic, Reciprocal, etc



Solving Linear
Equations, one step,
multi-step



Factorising, HCF, Brackets, Difference of 2 squares, etc



Evaluating expressions by Substitution



Real-life graphs, distance/speed time, acceleration



Functions, Evaluate,
Inverse and
Composite Functions



Solving **Quadratic Equations**, abcFormula, Factorising



Transforming
Formulae and
Changing the Subject



Learn how to solve and graph

Inequalities



Combining and
Simplifying Algebraic
Fractions



What is **Linear Programming**,
Graphing Inequalities



Constructing
Equations and Solving
them



