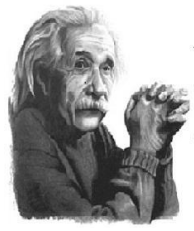
MATHEMATICS LEARNING JOURNEY

YEARS 9 - 11



Pure mathematics is, in its way, the poetry of logical ideas.

Albert Einstein

Sixth Form?
College?
Apprenticeship?

3 GCSE MATHS EXAM PAPERS

Revision

Revision

Revision

Revision

Revision

Revision

Revision

Constructing

Transforming

Revision & Communication

Show that.....

Reasoning

Geometric Reasoning

Easter Mock Exams

Algebra

Changing the Subject

Using Graphs

Gradients & Lines

Graphs

Algebraic Reasoning

Multiplicative Reasoning

Functions

Expanding & Factorising

Maths Mock Exams

Non Linear Graphs

Non calculator methods

YEAR 11

Percentages & Interest

Topic Assessment

Collecting, Representing & Interpreting Data

Indices & Roots

Topic Assessment

Probability

Delving into Data

Using Number

Types of Number & Sequences

Revision

Year End Assessment

Ratios & Fractions

Angles and Bearings

Representing solutions of Equations

Working with Circles

Simultaneous Equations

Topic Assessment

Congruence, Similarity and Enlargement

Proportions and Proportional change

Vectors

Topic Assessment

Geometry

Representing solutions of Inequalities

Developing Algebra

Trigonometry

Similarity

Reasoning with Proportion

Representations & Revision

Solving Ratio & Proportion problems

Algebraic Representations

Rotation and Translation

YEAR 10

Deduction

Pythagoras' Theorem

$A^2 + B^2 = C^2$

Enlargement & Similarity

Rates

Probability

Revision

Reasoning with Geometry

Numbers

0123456789

Constructions and Congruency

Forming and solving Equations

Reasoning with Algebra

Constructing in 2 and 3 Dimensional shapes

Maths and Money

Using Percentages

Reasoning with Number

Three dimensional shapes

Testing Conjectures

Straight Line Graphs

YEAR 9

welcome

‘ Mathematics is not about numbers, equations, computations, or algorithms: it is about UNDERSTANDING ’

William Paul Thurston