

MATHS CURRICULUM ROAD MAP



YEAR 9

NUMBER SKILLS
ALGEBRA
AREA & PERIMETER
STATISTICS

OPERATING ON NUMBER / ALGEBRAIC THINKING / GEOMETRY / STATISTICS

PATHWAY A
LINEAR GRAPHS
SURDS & INDICES
CONSTRUCTION, LOCI & ANGLES
PERCENTAGES, RATION & PROPORTION

NUMBER STRUCTURE / GRAPHS / GEOMETRY / RATIO & PROPORTION

PATHWAY B
LINEAR GRAPHS
PLACE VALUE & CONVERTING UNITS
ANGLES
RATIO & PROPORTION

YEAR 10

RATIO & PROPORTION / GRAPHS / STATISTICS

(FOUNDATION)
WORKING WITH NUMBER

THE NUMBER SYSTEM / ALGEBRAIC THINKING

ALGEBRA MANIPULATION

ALGEBRAIC THINKING / GEOMETRY -
(HIGHER) PROPORTION & RATES OF CHANGE
(ANGLES & CONSTRUCTIONS)
(FOUNDATION)

ADVANCED GEOMETRY & ALGEBRA

(HIGHER) ALGEBRAIC FRACTIONS
EXPANDING BRACKETS & FACTORISING (FOUNDATION)

CIRCLE THEOREMS & VECTORS
ALGEBRAIC PROOFS & ITERATION

HIGHER

TRIGONOMETRY & PYTHAGORAS

MENSURATION & CALCULATION

GRAPHS / PROPORTIONAL RELATIONSHIPS

PLOTTING GRAPHS
RATIO & PROPORTION

FOUNDATION

YEAR 11

(HIGHER) GRAPHS & FUNCTIONS
STATISTICS (FOUNDATION)

DEVELOPING GEOMETRY / REASONING WITH DATA

(HIGHER) PROPORTIONAL RELATIONSHIPS

GCSE PREPARATION

HIGHER RECAPPING & PROBABILITY
PERCENTAGES / GRAPHS

FOUNDATION SURDS & INDICES
REPRESENTING DATA

GCSE EXAMS

CONCEPTS, KNOWLEDGE AND SKILLS TAUGHT THROUGHOUT EACH UNIT