

# MATHS CURRICULUM ROAD MAP



**YEAR 7**

SEQUENCES, ALGEBRAIC NOTATION, EQUALITY AND EQUIVALENCE, PLACE VALUE AND ORDERING, FDP

ALGEBRAIC THINKING / PLACE VALUE AND PROPORTION

SOLVING PROBLEMS WITH FOUR OPERATIONS, FDP AMOUNTS, DIRECTED NUMBER, ADDITION AND SUBTRACTION OF FRACTIONS

APPLICATION OF NUMBER / DIRECTED NUMBER / FRACTIONAL THINKING

LINES AND ANGLES / REASONING WITH NUMBER

CONSTRUCTING, MEASURING & DEVELOPING GEOMETRIC REASONING, NUMBER SENSE, SETS AND PROBABILITY, PRIME NUMBERS & PROOF

**YEAR 8**

PROPORTIONAL REASONING / REPRESENTATIONS

RATIO & SCALE, MULTIPLICATIVE CHANGE, MULTIPLYING & DIVIDING FRACTIONS, WORKING IN THE CARTESIAN PLANE, DATA, TABLES, PROBABILITY

BRACKETS, EQUATIONS AND INEQUALITIES SEQUENCES, INDICES, FP, STANDARD FORM, NUMBER SENSE

ALGEBRAIC TECHNIQUES

**YEAR 9**

ANGLES IN PARALLEL LINES AND POLYGONS, AREA OF TRIANGLE AND CIRCLES, SYMMETRY, DATA HANDLING, MEASURES OF LOCATION

DEVELOPING GEOMETRY / REASONING WITH DATA

**PATHWAY A**

NUMBER SKILLS  
ALGEBRA SKILLS  
AREA & PERIMETER  
STATISTICS

OPERATING ON NUMBER / ALGEBRAIC MANIPULATION / GEOMETRY / STATISTICS

LINEAR GRAPHS  
SURDS & INDICES  
CONSTRUCTION, LOCUS & ANGLES  
PERCENTAGES, RATIO & PROPORTION

NUMBER STRUCTURE / GRAPHS / GEOMETRY / RATIO & PROPORTION

**PATHWAY B**

LINEAR GRAPHS  
PLACE VALUE & CONVERTING UNITS  
ANGLES  
RATIO & PROPORTION

CONCEPTS, KNOWLEDGE AND SKILLS TAUGHT THROUGHOUT EACH UNIT

**KS4**