



YEAR 11

GRAPHS

ALGEBRA

REASONING

REVISION AND COMMUNICATION

USING NUMBER

DELVING INTO DATA

PROPORTIONS AND PROPORTIONAL CHANGE

GEOMETRY

DEVELOPING ALGEBRA

SIMILARITY

YEAR 10

REASONING WITH ALGEBRA

CONSTRUCTING IN 2 AND 3D

REASONING WITH NUMBER

REASONING WITH GEOMETRY

REASONING WITH PROPORTION

YEAR 9

REASONING WITH DATA

DEVELOPING GEOMETRY

DEVELOPING NUMBER

ALGEBRAIC TECHNIQUES

REPRESENTATIONS

PROPORTIONAL REASONING

YEAR 8

PLACE VALUE AND PROPORTION

APPLICATIONS OF NUMBER

DIRECTED NUMBER

FRACTIONAL THINKING

LINES AND ANGLES

REASONING WITH NUMBER

ALGEBRAIC THINKING

YEAR 7

Topic tests and termly assessments are designed to accurately assess knowledge and maximise progression.

The scheme is designed with INTERLEAVING as a key element

Use Manipulatives will be used within a CPA approach to develop CONCRETE, PICTORIAL and ABSTRACT understanding

Students will develop CONCEPTUAL UNDERSTANDING and become FLUENT mathematicians leading to ability to RECALL and APPLY knowledge rapidly

Schemes of learning are designed to ensure students progress based on their security of understanding and readiness for the next stage. STRETCH and CHALLENGE is at the heart of our curriculum

Students will be able to SOLVE PROBLEMS and APPLY their knowledge to routine and non routine problems

Students will be able to REASON, CONJECTURE and JUSTIFY their arguments using mathematical language