

KS4 MATHS



STRAIGHT TRIGONOMETRY AND **LINES GRAPHS** TRIGONOMETRY **SURFACE AREA** FORM/SOLVE WITH COSINE AND **PYTHAGORAS** AND SCALE AND VOLUME OF **EQUATIONS** THEOREM **DIAGRAMS** SINE RULE 3D SHAPES **CONGRUENCE / SIMILARITY AND EQUATIONS AND INEQUALITIES / ENLARGEMENT / TRIGONOMETRY** ANGLES AND BEARINGS **INEQUALITIES BEARINGS PYTHAGORAS ENLARGEMENTS** CONGRUENT **THEOREM** WITH NEGATIVE **SHAPES** SCALE FACTORS **RATIO IN AREA PERCENTAGE** CIRCLE **VECTOR** AND VOLUME **INCREASE AND PROBABILITY** CONDITIONAL **THEOREMS PROBABILITY** NOTION DECREASE **DIAGRAMS PROBLEMS** PERCENTAGES AND INTEREST / CIRCLES / VECTORS / **PROBABILITY RATIOS AND FRACTIONS** CIRCLE/SECTORS **SURFACE AREA** GEOMETRIC CONVERTING SIMPLE AND **REVERSE COMPOUND PERCENTAGES** AREA, AND VOLUME **PROBLEM** CIRCUMFRENCE **SOLVING** INTEREST AND PERIMETER MENTAL/WRITTEN INTERPRET METHODS FOR ADD, FREQUENCY TABLES, ADD, SUBTRACT, SUBTRACT, MULTIPLY **CHARTS AND** FRACTIONAL **POWERS** MULTIPLY, DIVIDE AND DIVIDE **GRAPHS** AND ROOTS INDICES **FRACTIONS INDICES AND ROOTS /** DATA / NON-CALCULATOR METHODS / MANIPULATING EXPRESSIONS TYPES OF NUMBER AND SEQUENCES **CUMULATIVE** POPULATION, **SEQUENCES PRIME EQUATIONS AND STANDARD SAMPLES AND** FREQUENCY / INVOLVING NUMBERS **INEQUALITIES FORM AND AVERGAES** TYPES OF DATA **SURDS AND INDEX LAWS** NTH TERM INTERPRET ROUND **STANDARD FREQUENCY CUMULATIVE POWERS** TABLES, CHARTS FREQUENCY / **FORM AND EQUATIONS AND** AND **INEQUALITIES ESTIMATE** AND ROOTS INDEX LAWS **AVERGAES** AND GRAPHS DATA / NON-CALCULATOR METHODS / **INDICES AND ROOTS /** TYPES OF NUMBER AND SEQUENCES MANIPULATING EXPRESSIONS **FRACTIONAL** ADD, SUBTRACT, POPULATIONS. MENTAL/WRITTEN FINANCIAL MATH MULTIPLY, DIVIDE **INDICES** METHODS FOR ADD, **PROBLEMS** SAMPLES AND **FRACTIONS** SUBTRACT, MULTIPLY TYPES OF DATA AND DIVIDE SCALE SHAPE AND **SIMULTANEOUS DIAGRAMS VECTORS FACTORS** TRIGONOMETRY **ANGLES EQUATIONS** TRANSFORMING AND CONSTRUCTING / MULTIPLICATIVE REASONING / GEOMETRIC REASONING / ALGEBRAIC REASONING LISTING AND DESCRIBING / SHOW THAT... NTH **ANGLES DIRECT AND** CIRCLE **VECTORS** ALGEBRA **TRANSFORMATIONS TERM INVERSE THEOREMS** AND **PROPORTION** CONSTRUCTIONS

REVISION

REVISION