



YEAR 9

Pupils will be completing their first full set of new style GCSE exam papers. A very brief description of topics covered on each paper are listed below to support pupils when revising.

CORBETT MATHS – <https://corbettmaths.com/>

BBC BITESIZE (KS3) – <http://www.bbc.co.uk/education/subjects/zqhs34j>

BBC BITESIZE (KS4) – <http://www.bbc.co.uk/education/subjects/z38pycw>

Paper 1 (Non-Calc)	Paper 2 (Calc)
Multiples	Probability
Symbols notation	Units
Solve linear equation	Powers
Algebraic notation	Percentage calculations
Pictogram from a bar chart	Direct proportion
Fraction of a quantity	Interpreting a bar chart
Order of operations Decimals	Calculations
Collect like terms	Angles in a triangle
Relate ratios to fraction	Frequency tree
Functions	Estimate probability
Calculation with negative numbers	Calculation using inverse operations
Quantity as a percentage	Number problem
Number problem	Percentage problem
nth term of a linear sequence	Geometrical reasoning
Reasoning	Geometry problem
Proportion problem	Formula / Substitution
Angles in algebra	Interpret a formula
Sum of square numbers	Change the subject
Reasoning with square numbers	Standard form
Multiples	Ratio problem
Lowest Common Multiple	Solve linear inequality
Present argument	Inequality represented on a number line
Substitution	Speed, distance, time
Factorise	Assess argument
Probability	Bearings
Distance problem	Conversion
Speed-time problem	Quadratic equation
Evaluate assumptions	Best buy using direct proportion
Venn diagram	Fraction and ratio problem
Mixing concentrations	Congruency
Interpret result of proportion problem	Volume of a sphere
Area of circles problem	Volume of a cuboid
Standard form	Enlargement
Evaluating results	
Compound percentage	
Construction	
Pythagoras' theorem problem	