



YEAR 10

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)	Paper 3 (Calc)
Multiples	Probability	Percentage Fraction
Symbols notation	Units	Fraction Decimal
Solve linear equation	Powers	Expression
Algebraic notation	Percentage calculations	Substitution
Pictogram from a bar chart	Direct proportion	Bank statement
Fraction of a quantity	Interpreting a bar chart	Negative numbers
Order of operations Decimals	Calculations	Probability
Collect like terms	Angles in a triangle	Probability and range problem
Relate ratios to fraction	Frequency tree	Fractions Ratios
Functions	Estimate probability	Plotting coordinates
Calculation with negative numbers	Calculation using inverse operations	Triangle properties
Quantity as a percentage	Number problem	Ratio of areas
Number problem	Percentage problem	One quantity as a fraction of another
nth term of a linear sequence	Geometrical reasoning	Using fraction of a quantity
Reasoning	Geometry problem	Inverse operations problem
Proportion problem	Formula / Substitution	Map scale
Angles in algebra	Interpret a formula	Fibonacci sequence
Sum of square numbers	Change the subject	Linear graph
Reasoning with square numbers	Standard form	Area of quarter-circle
Multiples	Ratio problem	Simple interest
Lowest Common Multiple	Solve linear inequality	Area problem
Present argument	Inequality represented on a number line	Difference of two squares
Substitution	Speed, distance, time	Solve linear equation involving fractions
Factorise	Assess argument	Angles
Probability	Bearings	Error interval
Distance problem	Conversion	Trigonometric ratios
Speed-time problem	Quadratic equation	Similar shapes
Evaluate assumptions	Best buy using direct proportion	Gradient
Venn diagram	Fraction and ratio problem	y intercept
Mixing concentrations	Congruency	Mean problem
Interpret result of proportion problem	Volume of a sphere	Probability
Area of circles problem	Volume of a cuboid	Area and percentage
Standard form	Enlargement	Simultaneous equations
Evaluating results		Proportion using data
Compound percentage		
Construction		
Pythagoras' theorem problem		