EDUQAS GCSE Mathematics Revision Checklist

Number

■	Integers and place value	Notes
■	Factors, multiples, primes, HCF & LCM	Notes
■	Fractions, decimals, percentages	Notes
■	Ratio and proportion	Notes
■	Standard form	Notes
■	Powers and roots (including negative and fractional)	Notes
■	Surds and simplifying roots	Notes
■	Estimation and rounding (significant figures, decimal places)	Notes

Algebra

■	Simplifying expressions	Notes
■	Expanding and factorising (including double brackets)	Notes
■	Solving linear equations	Notes
■	Solving simultaneous equations (graphical & algebraic)	Notes
■	Rearranging formulae	Notes
■	Substitution into expressions and formulae	Notes
■	Sequences (arithmetic, geometric, nth term)	Notes
■	Quadratic equations (factorising, completing the square, formula)	Notes
■	Inequalities (including on number lines)	Notes
■	Graphs of functions (linear, quadratic, cubic, reciprocal)	Notes

Geometry & Measures

■	Properties of shapes (angles in polygons, parallel lines)	Notes
■	Circle theorems	Notes
■	Perimeter, area, and volume (including compound shapes)	Notes
■	Surface area of 3D solids	Notes
■	Transformations (reflection, rotation, translation, enlargement)	Notes
■	Construction and loci	Notes
■	Bearings	Notes
■	Pythagoras' theorem	Notes
■	Trigonometry (sin, cos, tan in right-angled triangles)	Notes

■	Trigonometric graphs and identities (higher tier)	Notes

Probability

■	Basic probability rules	Notes
■	Relative frequency	Notes
■	Probability trees	Notes
■	Venn diagrams	Notes
■	Conditional probability	Notes

Statistics

■	Averages (mean, median, mode, range)	Notes
■	Representing data (bar charts, histograms, pie charts, scatter graphs)	Notes
■	Cumulative frequency and box plots	Notes
■	Correlation and line of best fit	Notes

Functional Skills & Problem Solving

■	Worded problems involving ratio, proportion, and percentages	Notes
■	Interpreting graphs and tables	Notes
■	Compound measures (speed, density, pressure)	Notes
■	Reverse calculations (e.g., original value after percentage change)	Notes