REVISION CHECKLIST

GCSE MATHS
Higher TIER

EVERY TOPIC YOU NEED TO REVISE TO PASS YOUR GCSE MATHS EXAM

GCSE Maths: Higher Checklist

TOPIC	Learnt	Practice Question	Test	Marks
NUMBER				
Number Operations				
HCF, LCM, Prime Factor				
Power, Roots and Standard form				
Fractions				
Percentages				
Simple and compount interest, Growth and Decay				
Fractions, Decimal and Percentages				
Rounding, estimation and Bounds				
Surds				
Using a Calculator				

TOPIC	Learned	Practice Question	Test	Marks
RATIO PROPORTION AND RATES OF CHANGE				
Ratios				
Problem Solving with Ratios				
Direct and Inverse Proportion				
Standard and Compound Units				
Exchange rates and Best Buys				

TOPIC	Learned	Practice Question	Test	Marks
PROBABILITY				
Introduction to Probability				
Simple Probability Diagram				
Tree Diagram				
Combined and Conditional Probability				

TOPIC	Learned	Practice Question	Test	Marks
ALGEBRA				
Introduction to Algebra				
Algebraic Roots and Indices				
Expanding Brackets				
Factorising				
Completing the Square				
Algebraic Fractions				
Rearranging Formulas				
Algebraic Proof				
Linear Equations				
Quadratic Equations				
Simultaneous Equations				
Iteration				
Forming and solving equations				
Functions				
Coordinate Geometry				
Linear Graphs				
Graphs of Functions				

TOPIC	Learned	Practice Question	Test	Marks
ALGEBRA				
Equation of a Circle				
Estimating Gradients and Areas under the Graphs				
Real Life Graphs				
Solving Inequalities				
Graphing Inequalities				
Transformation of Graphs				
Sequences				

TOPIC	Learned	Practice Question	Test	Marks
STATISTICS				
Averages, Ranges and Data				
Statistical Diagram				
Histograms				
Cumulative Frequency and Box Plots				
Scatter Graphs & Correlation				

TOPIC	Learned	Practice Question	Test	Marks
GEOMETRY AND MEASURE				
Symmetry and Shapes				
Angles, Polygon and Parallel Lines				
Bearings, scale drawing and construction and Loci				
Circle Theorems				
Area and Perimeter				
Circles, Arc and Sectors				
Volume and Surface Area				
Congruence, Similarity and Geometrical Proof				
Area, Volume and similar shapes				
Pythagoras and Trignometry				
Sine, Cosine Rule and Area of Triangles				
3D Pythagoras and Trigonometry				
Vectors				
Transformations				