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REVISION CHECKLIST

A Level

Mechanics Revision

**EVERY TOPIC YOU NEED TO
REVISE FOR YOUR A-LEVEL
PHYSICS**

A Levels- Mechanics

TOPIC	Learned	Practice Question	Test	Marks
Quantities & Units in Mechanics				
Quantities, Units and Modelling				
Working with Vectors				

TOPIC	Learned	Practice Question	Test	Marks
Forces & Newton's Laws				
Forces and Equilibrium				
Newton's Second Law				
Resolving Forces, Inclined Planes and Friction				

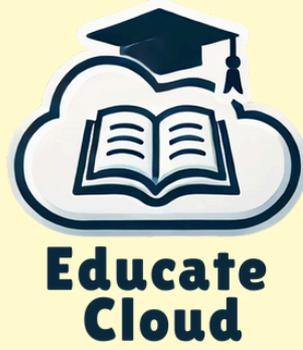
TOPIC	Learned	Practice Question	Test	Marks
MOMENTS				
Moments				

TOPIC	Learned	Practice Question	Test	Marks
KINEMATICS				
Graphs in Kinematics				
Variable Acceleration in 1D				
Constant Acceleration in 1D				
Variable Acceleration in 2D				
Constant Acceleration in 2D				
Projectiles				

TOPIC	Learned	Practice Question	Test	Marks
Electricity				
Current Potential Difference and Resistance				
Series and Parallel Circuits				
Energy Transfer				

TOPIC	Learned	Practice Question	Test	Marks
WAVES				
Waves in Air, Fluids and Solids				
Electromagnetic Waves				

TOPIC	Learned	Practice Question	Test	Marks
ATOMIC STRUCTURES				
Atoms & Isotopes				
Atoms & Nuclear Radiation				



REVISION CHECKLIST

A Level Maths Statistics Revision

**EVERY TOPIC YOU NEED TO
REVISE TO PASS YOUR
A LEVEL STATISTICS**

GCSE Maths: Foundation Checklist

TOPIC	Learnt	Practice Question	Test	Marks
STATISTICAL SAMPLING				
Sampling and Data Collection				

TOPIC	Learned	Practice Question	Test	Marks
PROBABILITY				
Basic Probability				
Further Probability				

TOPIC	Learned	Practice Question	Test	Marks
HYPOTHESIS TESTING				
Introduction to Hypothesis Testing				
Hypothesis Testing (Binomial Distribution)				
Hypothesis Testing (Nominal Distribution)				

TOPIC	Learned	Practice Question	Test	Marks	
DATA PRESENTATION & INTERPRETATION					
Statistical Measures					
Data Presentation					
Working with Data					
Correlation & Regression					
Further Correlation & Regression					

TOPIC	Learned	Practice Question	Test	Marks
STATISTICAL DISTRIBUTIONS				
Probability Distribution				
Binomial Distribution				
Normal Distribution				
Working with Distribution				

TOPIC	Learned	Practice Question	Test	Marks
LARGE DATA SET				
Large data set				



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REVISION CHECKLIST

A LEVELS

Pure Revision

**EVERY TOPIC YOU NEED TO
REVISE TO PASS YOUR
A LEVELS MATHS**

A LEVELS- PURE MATHS

TOPIC	Learnt	Practice Question	Test	Marks
PROOF				
Proof				
Proof by Contradictions				

TOPIC	Learnt	Practice Question	Test	Marks
COORDINATE GEOMETRY				
Eq of a Straight Line				
Circles				

TOPIC	Learnt	Practice Question	Test	Marks
PARAMET				
Parametric equations				
Calculus & Modelling with parametric equations				

TOPIC	Learnt	Practice Question	Test	Marks
NUMERICAL METHODS				
Numerical Methods				
Modelling involving Numerical methods				

TOPIC	Learnt	Practice Question	Test	Marks
VECTORS				
Vectors in 2D				
Vectors in 3D				

TOPIC	Learnt	Practice Question	Test	Marks
INTEGRATION				
Integration				
Further Integration				
Differential Equations				



TOPIC	Learned	Practice Question	Test	Marks
DIFFERENTIATION				
Differentiation				
Applications of Differentiation				
Further Differentiation				
Further Applications of Differentiation				
Implicit Differentiation				

TOPIC	Learned	Practice Question	Test	Marks
SEQUENCE & SERIES				
Binomial Expansion				
General Binomial Expansion				
Arithmetic Sequence and Series				
Geometric Sequence and Series				
General Sequence and Series				
Modelling with Sequence & Series				



TOPIC	Learned	Practice Question	Test	Marks
TRIGONOMETRY				
Basic Trigonometry				
Trigonometric Functions				
Trigonometric Equations				
Radian Measure				
Reciprocal & Inverse Trigonometric Functions				
Compound & Double Angle Formulae				
Further Trigonometric Equations				
Trigonometric Proof				
Modelling with Trigonometric Functions				

TOPIC	Learnt	Practice Question	Test	Marks
EXPONENTIAL & LOGARITHMS				
Exponential & Logarithms				
Laws of Logarithms				
Modelling with Exponential & Logarithms				

TOPIC	Learned	Practice Question	Test	Marks
ALGEBRA & FUNCTIONS				
Laws of Indices & Surds				
Quadratics				
Simultaneous Equations				
Inequalities				
Polynomials				
Rational Expressions				
Graphs of Functions				
Functions				
Transformation of Function				
Combination of Transformations				
Partial Functions				
Modelling with Functions				
Further Modelling with Functions				