

A-level Maths topic checklist (with links to integralmaths)

PURE
MECHANICS
STATISTICS

Y12 Topics

	Topic	R	A	G
0	Problem Solving (AS)			
1	Surds and indices (AS)			
2	Quadratic functions (AS)			
3	Equations and inequalities (AS)			
4	Coordinate geometry (AS)			
5	Trigonometry (AS)			
6	Polynomials (AS)			
7	Graphs and transformations (AS)			
8	The binomial expansion (AS)			
9	Differentiation (AS)			
10	Integration (AS)			
11	Vectors (AS)			
12	Exponentials and logarithms (AS)			
13/14	Collecting and interpreting data (AS)			
15	Probability (AS)			
16	The binomial distribution (AS)			
17	Hypothesis testing using the binomial distribution (AS)			
18	Kinematics (AS)			
19	Forces and Newton's laws of motion (AS)			
20	Variable acceleration (AS)			

Y13 Topics

	Topic	R	A	G
21	Proof			
22	Trigonometry			
23	Sequences and Series			
24	Functions			
25	Differentiation			
26	Trigonometric functions			
27	Algebra			
28	Trigonometric identities			
29	Further differentiation			
30	Integration			
31	Parametric equations			
32	Vectors			
33	Differential equations			
34	Numerical methods			
35	Probability			
36	Probability distributions			
37	Hypothesis testing			
39	Kinematics			
39	Force and motion			
40	Moments			
41	Projectiles			
42	Friction			