

## Year 13 Physics – Curriculum overview

Week	ARB	AJM	Student	PAG
1	Newton's Laws	Electric Fields		
2	Circular motion	Electric Fields	AS Comp 1 test	
3	Circular motion	Electric Fields	AS Comp 2 test	
4	Gravitational Fields	Electric Fields		
5	Gravitational Fields	Electric Fields		
6	Gravitational Fields	Capacitors		
7	Oscillations	Capacitors		Measuring g
8	Oscillations	Capacitors	Assessment 2	(Damping of a spring)
9	Oscillations	Capacitors		Charging and discharging a capacitor
10	Kinetic theory	Capacitors	Component 1 Mock	Energy stored in a capacitor
11	Kinetic theory	Capacitors		
12	Kinetic theory	Magnetic Fields		SHC
13	Thermal Physics	Magnetic Fields		Absolute zero using gas laws
14	Thermal Physics	Magnetic Fields		(Force on a current in a mag field)
15	Gas laws	Electromagnetism	Assessment 4	
16	Gas laws	Electromagnetism		Hall probe
17	Orbits and the wider universe	Moment of inertia		
18	Orbits and the wider universe	Angular momentum	Assessment 5	
19	Orbits and the wider universe	Bernoulli's effect		
20	Orbits and the wider universe	Sport - moments		
21	Nuclear decay	Bouncing	Assessment 6	
22	Nuclear decay	Projectiles		
23	Nuclear decay	Revision	Component 2 Mock	
24	Nuclear decay	Revision		Radioactive decay - dice expt
25	Nuclear Energy	Revision		Intensity of gamma with distance
26	Nuclear Energy	Revision		
27	Nuclear Energy	Revision	Component 3 Mock	
28	Revision	Revision		
29	Revision	Revision		
30	Revision	Revision		
31	Revision	Revision		