

GCSE Physics Curriculum Y10				
Y10 Triple (2 hours)	Assessment / practical		Y10 Combined (2 hours)	Assessment/Practical
Topic 3 Conservation of energy	Stored energies		Topic 3 Conservation of energy	Stored energies
	Conservation of energy			Conservation of energy
Review of topic 2	Topic 2 and 3 Test		Review of topic 2	Topic 2 and 3 Test
Half Term				
Topic 4 and 5 Waves, Light and the EM Spectrum	Core practical - speed, freq and wavelength		Topic 4 and 5 Waves, Light and the EM Spectrum	Core practical - speed, freq and wavelength
	Waves / Seismic waves			Waves / Seismic waves
	Core practical - refraction			Core practical - refraction
	Lenses			Electromagnetic spectrum
	The Ear			Topic 4&5 Test
			Topic 6 Radioactivity	
Christmas Holiday				
Topic 4 and 5 Waves, Light and the EM Spectrum	Electromagnetic spectrum		Topic 6 Radioactivity	Radioactivity - atomic model
	Core practical - radiation			Radioactivity - sources
	Topic 4&5 Test			
Topic 6 Radioactivity				Topic 6 Test
Half Term				
Topic 6 Radioactivity	Radioactivity - atomic model		Topic 8 Energy	
				Work and power
			Topic 9 Forces	Vector diagrams
	Radioactivity - sources			Topic 8&9 Test
Easter holiday				
Topic 6 Radioactivity	Uses of radioactivity		Topic 10 Electricity	Electricity and circuits
	Nuclear fission			Core practical - IV curves, Series and parallel circuits
	Topic 6 Test			
Topic 7 Astronomy				Resistance of an LDR
Half term				
Topic 7 Astronomy	Origins of the universe		Revision	
Revision			Revision	
Y10 Exams				
Topic 8 Energy			Topic 10 Electricity	Electricity and circuits
	Work and power			

GCSE Physics Curriculum Y11				
Y11 Triple (3 hours)	Assessment / practical		Y11 Combined(1 hour)	Assessment/practical
Topic 8 Energy / Topic 9 Forces	Vector diagrams		Topic 10 Electricity	
	Topic 8&9 Test			
Topic 10 Electricity	Electricity and circuits			Electricity and circuits
				Core practical - IV curves, Series and parallel circuits
	Core practical - IV curves, Series and parallel circuits			
Half Term				
Topic 10 Electricity	Resistance of an LDR		Topic 10 Electricity	Resistance of an LDR
Topic 11 Static electricity				Electricity and circuits
	Static electricity			
Y11 mock exams 1				
Christmas holiday				
Topic 12 Magnetism and the motor effect	Electromagnet		Topic 10 Electricity	
Topic 13 Electromagnetic induction	Transformers		Topic 12 Magnetism and the motor effect	
	Topic 12&13 Test			
Revision			Revision	
February half term				
Y11 mock exams 2				
Topic 14 Particle model	Core practical - density		Topic 13 Electromagnetic induction	Electromagnet
	Core practical SHC			Transformers
	Topic 14 Test			Topic 12&13 Test
Topic 15 Forces and matter			practicals	
Easter				
Topic 15 Forces and matter	Core practical Extension of a spring		Topic 15 Forces and matter	
Revision			Core practical Extension of a spring	
	External exams start	External exams start		