

Year Y12 Physics, A side, 2022/2023



Half Term 1: 5 th September – 2 st October (7 weeks).							Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
3.1 Practical Skills			3.2.1 Nuclear Physics 1 (some 3.8.1*)			3.2.1 Quantum Physics		3.2.1 Quantum Physics	
Half Term 2: 31 st October – 16 th December (7 weeks).					Holiday	Holiday	Half Term 3: 3 rd January – 10 th February (6 weeks).		
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
3.2.2 Particles and Energy				3.3.1 Waves 1			3.3.1 Waves 1 (Some 3.6.1)		3.3.2 Waves 2
Half Term 3: 3 rd January – 10 th February (6 weeks).			Holiday		Half Term 4: 20 th February – 31 st March (6 weeks).				
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
3.3.2 Waves 2				3.6.2 Thermal Physics					
Holiday	Holiday	Half Term 5: 17 th April - 26 th May (6 weeks).						Holiday	
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33
		Trial Week27			Paper 1 content review				Trial exams
Half Term 6: 5 th June – 21 st July (7 weeks).						Curriculum Intent: Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.			
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39				
A2 content start Maths skills 2 (MS0.5/2.5/3.11) & Gravitational fields (3.7.1, 3.7.2). Trial Week 36									

Year Y12 Physics, B side, 2022/2023



Half Term 1: 5 th September – 2 st October (7 weeks).							Holiday	Half Term 2		
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	
3.4.1 Maths Skills 1		3.5.1 Electricity 1						3.5.1 Electricity 1	3.4.1 Mechanics	
Half Term 2: 31 st October – 16 th December (7 weeks).					Holiday	Holiday	Half Term 3: 3 rd January – 10 th February (6 weeks).			
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17	
3.4.1 Mechanics							3.4.1 Mechanics			
Half Term 3: 3 rd January – 10 th February (6 weeks).			Holiday	Half Term 4: 20 th February – 31 st March (6 weeks).						
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
3.4.1 Materials				3.5.1 Electricity 2	3.7.5 Electricity 2 (3.7.5.5 - 3.7.5.6)					
Holiday	Holiday	Half Term 5: 17 th April - 26 th May (6 weeks).							Holiday	
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33		
		Trial Week27				Paper 1 content review				Trial exams
Half Term 6: 5 th June – 21 st July (7 weeks).						Curriculum Intent: Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.				
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39					
A2 content start: 3.6.1 Further mechanics & Practical skills 2 (3.1.2, PS 1.1). Trial Week 36										



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Half Term 1: 5 th September – 2 st October (7 weeks).							Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
3.8.1 Nuclear Physics 2				3.12.1 Turning points – Discovery of the Electron		3.12.2 Turning points – Wave-Particle Duality		3.12.2 Turning points – Wave-Particle Duality	
Half Term 2: 31 st October – 16 th December (7 weeks).					Holiday	Holiday	Half Term 3: 3 rd January – 10 th February (6 weeks).		
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
3.12.3 Relativity									
Half Term 3: 3 rd January – 10 th February (6 weeks).			Holiday	Half Term 4: 20 th February – 31 st March (6 weeks).					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
								Trail 25 Paper 1 and 2 content review and essay links.	
Holiday	Holiday	Half Term 5: 17 th April - 26 th May (6 weeks).						Holiday	
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33
		Synoptic review for paper 3 and essay practice							Exams
Half Term 6: 5 th June – 21 st July (7 weeks).						Curriculum Intent:			
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.			
Exams									

Year Y13 Physics, B side, 2022/2023



Half Term 1: 5 th September – 2 st October (7 weeks).							Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
3.7.3 Electric Fields				3.7.4 Capacitors				3.7.4 Capacitors	3.7.5 Magnetic Fields
Half Term 2: 31 st October – 16 th December (7 weeks).					Holiday	Holiday	Half Term 3: 3 rd January – 10 th February (6 weeks).		
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
3.7.5 Magnetic Fields									
Half Term 3: 3 rd January – 10 th February (6 weeks).			Holiday	Half Term 4: 20 th February – 31 st March (6 weeks).					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
								Trail 25 Paper 1 and 2 content review and essay links.	
Holiday	Holiday	Half Term 5: 17 th April - 26 th May (6 weeks).						Holiday	
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33
		Synoptic review for paper 3 and essay practice							Exams
Half Term 6: 5 th June – 21 st July (7 weeks).						Curriculum Intent:			
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.			
Exams									