

Year 12 Physics, A side 2023/24



Half Term 1: 4 th Sept - 20 th Oct (7 weeks)							October Half-Term 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: 30 th Oct - 22 nd Dec (8 weeks)							Christmas Holiday	Half Term 3	
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		
Half Term 3: 8 th Jan - 9 th Feb (5 weeks)			February Half-Term Holiday	Half Term 4: 19 th Feb - 29 th 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					
Easter Holiday			Half Term 5: 15 th April - 24 th May (6 weeks)				Spring Bank Holiday	Half Term 6	
			Week 27	Week 28	Week 29	Week 30		Week 31	Week 32
			Trial exams and Paper 1 content review					Trial exams	

Half Term 6: 3 rd June - 19 th July (7 weeks)					
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

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.

Year 12 Physics, B side 2023/24



Half Term 1: 4 th Sept - 20 st Oct (7 weeks)							October Half-Term 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: 30 th Oct - 22 nd Dec (8 weeks)						Christmas Holiday	Half Term 3		
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: 8 th Jan - 9 th Feb (5 weeks)			February Half-Term Holiday	Half Term 4: 19 th Feb - 29 th March (6 weeks)					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
3.4.1 Mechanics & materials				3.4.1 materials	3.7.5 Electricity 2				
Easter Holiday		Half Term 5: 15 th April - 24 th May (6 weeks)					Spring Bank Holiday	Half Term 6	
		Week 27	Week 28	Week 29	Week 30	Week 31		Week 32	Week 33
		Trial exams and Paper 1 content review						Trial exams	
Half Term 6: 3 rd June - 19 th 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									

Year 13 Physics, A side 2023/24



Half Term 1: 4th Sept - 20st Oct (7 weeks)

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

October Half-Term Holiday

3.12.2 Turning points – Wave-Particle Duality

Half Term 2: 30th Oct - 22nd Dec (8 weeks)

Half Term 3

Week 10

Week 11

Week 12

Week 13

Week 14

Week 15

Week 16

Week 17

3.12.3 Relativity

Catch up time

Christmas Holiday

Catch up time

Half Term 3: 8th Jan - 9th Feb (5 weeks)

Half Term 4: 19th Feb - 29th March (6 weeks)

Week 18

Week 19

Week 20

Week 21

Week 22

Week 23

Week 24

Week 25

Week 26

Catch up/revision

February Half-Term Holiday

Revision

Trial exams and review

Half Term 5: 15th April - 24th May (6 weeks)

Half Term 6

Week 27

Week 28

Week 29

Week 30

Week 31

Week 32

Week 33

Easter Holiday

Synoptic review and essay practice

Spring Bank Holiday

Exams

Half Term 6: 3rd June - 19th July (7 weeks)

Week 34

Week 35

Week 36

Week 37

Week 38

Week 39

Exams

You are done by here... The year goes very quick!

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.

Year 13 Physics, B side 2023/24



Half Term 1: 4 th Sept - 20 st Oct (7 weeks)							October Half-Term 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: 30 th Oct - 22 nd Dec (8 weeks)						Christmas Holiday	Half Term 3		
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15		Week 16	Week 17	
3.7.5 Magnetic Fields							Catch up		
Half Term 3: 8 th Jan - 9 th Feb (5 weeks)			February Half-Term Holiday	Half Term 4: 19 th Feb - 29 th March (6 weeks)				Trial exams	
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24		Week 25
Catch up/revision				Revision					
Easter Holiday		Half Term 5: 15 th April - 24 th May (6 weeks)					Spring Bank Holiday	Half Term 6	
		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: 3 rd June - 19 th July (7 weeks)					You are done by here... The year goes very quick!				
Week 34	Week 35	Week 36	Week 37	Week 38					Week 39
Exams					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.				