

Curriculum map year 12 Physics (2021-2022)

Week beginning	wk number	JSL 2lpw	HW	CDN (cover) 2lpw	HW	JDY 2lpw	HW
30/08/2021	1						
06/09/2021	2						
13/09/2021	3	Scalars and vectors	p122 q9,10	Bulk properties of solids		Measurements and their errors / Basic practical skills	
20/09/2021	4	Scalars and vectors		Bulk properties of solids		Measurements and their errors / Basic practical skills	
27/09/2021	5	Moments	p127 q15	The Youngs modulus		Measurements and their errors / Basic practical skills	
04/10/2021	6	Moments	p130 q13,14	The Youngs modulus	CPAC write up	Measurements and their errors / Basic practical skills	
11/10/2021	7	Motion in a straight line		The Youngs modulus	CPAC write up	Measurements and their errors / Basic practical skills	
18/10/2021	8	Motion in a straight line	p139 q7-12			Measurements and their errors / Basic practical skills	
25/10/2021							
01/11/2021	9	Motion in a straight line		Progressive and stationary waves		Constituents of the atom	
08/11/2021	10	Motion in a straight line		Progressive and stationary waves		Constituents of the atom	p5 q1,2,5,7
15/11/2021	11	Projectile motion	past exam questions - moments and motion	Longitudinal and transverse waves		Stable and unstable nuclei	
22/11/2021	12	Projectile motion	p145 q17,18,19	Superposition and standing waves		Stable and unstable nuclei	p8 q10,11,12
29/11/2021	13	Projectile motion		Superposition and standing waves		Particles, antiparticles and photons	
06/12/2021	14	Projectile motion		Superposition and standing waves		Particle interactions	
13/12/2021	15	Newtons laws of motion	p154-155 q1-4	Superposition and standing waves		Particle interactions	p21 q9-13
20/12/2021							
27/12/2021							
03/01/2022	16	Newtons laws of motion		Superposition and standing waves		Classification of particles	
10/01/2022	17	Newtons laws of motion/momentum	p162-163 q1-10	Superposition and standing waves		Classification of particles	
17/01/2022	18	Newtons laws of motion/momentum				Classification of particles	
24/01/2022	19	Work energy and power				Classification of particles	
31/01/2022	20	Work energy and power				Quarks and anti-quarks	
07/02/2022	21	Conservation of energy	p176-177 q12-19			Quarks and anti-quarks	
14/02/2022	22	Conservation of energy				Application of conservation laws	p37-40 q1-9
21/02/2022							
28/02/2022	23	Current electricity	p226 q7			Application of conservation laws	
07/03/2022	24	Current electricity				The photoelectric effect	
14/03/2022	25	V/I characteristics	p234 q14,15			The photoelectric effect	

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21/03/2022	26	V/I characteristics				Collisions of electrons with atoms	
28/03/2022	27	Resistivity	p238 q16,17,18			Energy levels and photons	
04/04/2022	28	Resistivity	CPAC			Energy levels and photons	p52-53 q1-9
11/04/2022							
18/04/2022							
25/04/2022	29	Circuits				Wave particle duality	
02/05/2022	30	Circuits				Wave particle duality	p64-65 q17-20
09/05/2022	31	potential divider					
16/05/2022	32	potential divider					
23/05/2022	33	emf	p264-265 q1-13				
30/05/2022							
06/06/2022	34	MOCK EXAM PERIOD					
13/06/2022	35	MOCK EXAM PERIOD					
20/06/2022	36	emf	CPAC write up				
27/06/2022	37	emf					
04/07/2022	38	emf					
11/07/2022	39						
18/07/2022	40						
25/07/2022							
01/08/2022							
08/08/2022							
15/08/2022							
22/08/2022							
29/08/2022							
05/09/2022							