

AQA GCSE (9-1) Physics Lesson Videos

Lesson number	Lesson topic	YouTube Link	QR Code
Lesson 1:	1.1 Energy stores	https://youtu.be/BZph1cTP434?t=17&si=tMXaCsj2mpVT-pEm	
Lesson 2:	1.2 Conservation of energy	https://youtu.be/BZph1cTP434?t=710&si=nVXzlp_m8CoZNteU	
Lesson 3:	1.3 Energy and work	https://youtu.be/BZph1cTP434?t=1083&si=28-1psyqo6jAVFP4	
Lesson 4:	1.4 Gravitational potential energy stores	https://youtu.be/BZph1cTP434?t=1395&si=4NUbzgLR5WDLmdh	
Lesson 5:	1.5 Kinetic energy and elastic energy stores	https://youtu.be/BZph1cTP434?t=1846&si=6NqNsqbju5b5e6Gm	
Lesson 6:	1.6 Energy dissipation	https://youtu.be/BZph1cTP434?t=2117&si=6ano_OTj4iPI3s7O	
Lesson 7:	1.7 Energy and efficiency	https://youtu.be/BZph1cTP434?t=2361&si=m7vTB0OUKoM_S4wr	
Lesson 8:	1.8 Electrical appliances	https://youtu.be/BZph1cTP434?t=2722&si=f6t-BK3u5QNjUHct	
Lesson 9:	1.9 Energy and power	https://youtu.be/BZph1cTP434?t=2891&si=tzV_UO4BVjBNg5Dh	
Lesson 10:	2.1 Energy transfer by conduction	https://youtu.be/uqODqxYlxeU?t=21&si=DsRzsCmlAE0vHwvB	
Lesson 11:	2.2 Infrared radiation	https://youtu.be/uqODqxYlxeU?t=695&si=s1Bz1RNWgFVQj73a	
Lesson 12:	2.3 More about infrared radiation	https://youtu.be/uqODqxYlxeU?t=1741&si=dtLLTWE_wbtXMPrc	
Lesson 13:	2.4 Specific heat capacity	https://youtu.be/uqODqxYlxeU?t=2079&si=tOmnBrN35XNgEQu	
Lesson 14:	2.5 Heating and insulating buildings	https://youtu.be/uqODqxYlxeU?t=2768&si=YKb7AOZ23g16DcsR	
Lesson 15:	3.1 Energy demands	https://youtu.be/tTgXdxKTGPo?t=20&si=5ZNyvs1A8tC0eqv4	
Lesson 16:	3.2 Energy from wind and water	https://youtu.be/tTgXdxKTGPo?t=779&si=nqEbZn6K5o6LCoU	
Lesson 17:	3.3 Power from the Sun and the Earth	https://youtu.be/tTgXdxKTGPo?t=1427&si=6DQXXbk704dN6x5T	

Lesson 18:	3.4 Energy and the environment	https://youtu.be/tTgXdxKTGPo?t=1745&si=vVtCzs6WtNa3Frwg	
Lesson 19:	3.5 Big energy issues	https://youtu.be/tTgXdxKTGPo?t=2027&si=aLtcqHiGIQv006L1	
Lesson 20:	4.1 Electrical charges and fields	https://youtu.be/mP0Tqc75aQ4?t=19&si=wva589JbRca66S07	
Lesson 21:	4.2 Current and charge	https://youtu.be/mP0Tqc75aQ4?t=1197&si=B05GLYW5pYUoNTK_	
Lesson 22:	4.3 Potential difference and resistance	https://youtu.be/mP0Tqc75aQ4?t=1808&si=pU3S7iBvswYIKyFx	
Lesson 23:	4.4 Component characteristics	https://youtu.be/mP0Tqc75aQ4?t=2480&si=_ikeJ2rPubwBjJCP	
Lesson 24:	4.5 Series circuits	https://youtu.be/mP0Tqc75aQ4?t=2955&si=gOXpqvbFKO8YuXcX	
Lesson 25:	4.6 Parallel circuits	https://youtu.be/mP0Tqc75aQ4?t=3349&si=K1ily0eA2cdU3CZw	
Lesson 26:	5.1 Alternating current	https://youtu.be/2LGhdjRCPeA?t=26&si=LpdI3b5agWJx2hp	
Lesson 27:	5.2 Cables and plugs	https://youtu.be/2LGhdjRCPeA?t=873&si=VoTM4qGptspkSUIb	
Lesson 28:	5.3 Electrical power and potential difference	https://youtu.be/2LGhdjRCPeA?t=1820&si=JEpClfsnKZe8KP3p	
Lesson 29:	5.4 Electrical currents and energy transfer	https://youtu.be/2LGhdjRCPeA?t=2344&si=x4Uj2KqsKRiD24qH	
Lesson 30:	5.5 Appliances and efficiency	https://youtu.be/2LGhdjRCPeA?t=2485&si=8f-LHtNioggWNG7Q	
Lesson 31:	6.1 Density	https://youtu.be/qgbx6hUIYy4?t=18&si=G9yz8snkHfQUYcY_	
Lesson 32:	6.2 States of matter	https://youtu.be/qgbx6hUIYy4?t=818&si=Zw5yZ0F7OQ86ycl9	
Lesson 33:	6.3 Changes of state	https://youtu.be/qgbx6hUIYy4?t=1657&si=XkQI_YmIWog_o2x	
Lesson 34:	6.4 Internal energy	https://youtu.be/qgbx6hUIYy4?t=2496&si=DPBor8ReFzW9KKxb	
Lesson 35:	6.5 Specific latent heat	https://youtu.be/qgbx6hUIYy4?t=3383&si=tJDgue6qDZ-LqxkK	
Lesson 36:	6.6 Gas pressure and temperature	https://youtu.be/qgbx6hUIYy4?t=3637&si=RTUFZsIzrYha_9eE	

Lesson 37:	6.7 Gas pressure and volume	https://youtu.be/qgbx6hUIYy4?t=4343&si=5OTwt_K4tSPtmfQ2	
Lesson 38:	7.1 Atoms and radiation	https://youtu.be/Dal2LakWouo?t=18&si=-H17NMObgjhuFitY	
Lesson 39:	7.2 The discovery of the nucleus	https://youtu.be/Dal2LakWouo?t=961&si=82U0eBQgc6XOUFiB	
Lesson 40:	7.3 Changes in the nucleus	https://youtu.be/Dal2LakWouo?t=1613&si=ma44xDnNvBPvhYJa	
Lesson 41:	7.4 More about alpha, beta, and gamma radiation	https://youtu.be/Dal2LakWouo?t=2413&si=JFbaCJ2Cwa_mvVVD	
Lesson 42:	7.5 Activity and half-life	https://youtu.be/Dal2LakWouo?t=3179&si=rl-Qy3MHX0suTEBH	
Lesson 43:	7.6 Nuclear radiation in medicine	https://youtu.be/Dal2LakWouo?t=3668&si=gnoaWIFAGeM6H0k	
Lesson 44:	7.7 Nuclear fission	https://youtu.be/Dal2LakWouo?t=4169&si=73DokYIAbbL9_wb6	
Lesson 45:	7.8 Nuclear fusion	https://youtu.be/Dal2LakWouo?t=4782&si=Ys8UfPEZkc8kliBL	
Lesson 46:	7.9 Nuclear issues	https://youtu.be/Dal2LakWouo?t=5332&si=GMUOwngQYjpiBAma	
Lesson 47:	8.1 Vectors and scalars	https://youtu.be/K6hMPVGXP2g?t=16&si=-2hv8LVOrve0bRU1	
Lesson 48:	8.2 Forces between objects	https://youtu.be/K6hMPVGXP2g?t=1028&si=TjDhZvMhoubP2u1G	
Lesson 49:	8.3 Resultant forces	https://youtu.be/K6hMPVGXP2g?t=2156&si=yIu3zgy7hOp3MJSW	
Lesson 50:	8.4 Moments at work	https://youtu.be/K6hMPVGXP2g?t=2579&si=LhvHoovy47nbg-Y1	
Lesson 51:	8.5 More about levers and gears	https://youtu.be/K6hMPVGXP2g?t=3510&si=e0VHaVQlOgyjeeoR	
Lesson 52:	8.6 Centre of mass	https://youtu.be/K6hMPVGXP2g?t=4384&si=hBjvGSV-2otRhu1-	
Lesson 53:	8.7 Moments and equilibrium	https://youtu.be/K6hMPVGXP2g?t=4683&si=nEJaBLuBd5n7kAHN	
Lesson 54:	8.8 The parallelogram of forces	https://youtu.be/K6hMPVGXP2g?t=4949&si=_WpFpr23lpflwPw5	
Lesson 55:	8.9 Resolution of forces	https://youtu.be/K6hMPVGXP2g?t=5250&si=2l5vldEEa6DaQbCU	

Lesson 56:	9.1 Speed and distance-time graphs	https://youtu.be/8UgcsEi8dHw?t=26&si=NZGo6eYCUO8EJaLv	
Lesson 57:	9.2 Velocity and acceleration	https://youtu.be/8UgcsEi8dHw?t=648&si=vpm8XTDXKnbtcJ3C	
Lesson 58:	9.3 More about velocity-time graphs	https://youtu.be/8UgcsEi8dHw?t=1487&si=zaCH3ebK8kD9a6Lh	
Lesson 59:	9.4 Analysing motion graphs	https://youtu.be/8UgcsEi8dHw?t=1977&si=IA_TeHoOsyRJGN6c	
Lesson 60:	10.1 Force and acceleration	https://youtu.be/INXQP8NR6rQ?t=33&si=p1pr_tCvh9GtNpc6	
Lesson 61:	10.2 Weight and terminal velocity	https://youtu.be/INXQP8NR6rQ?t=1100&si=zVwhxfybUHz9Rv1z	
Lesson 62:	10.3 Forces and braking	https://youtu.be/INXQP8NR6rQ?t=2021&si=Zo29bSxVPJyCgFcJ	
Lesson 63:	10.4 Momentum	https://youtu.be/INXQP8NR6rQ?t=2785&si=2l_jL-xk2vy_76R1	
Lesson 64:	10.5 Using conservation of momentum	https://youtu.be/INXQP8NR6rQ?t=3051&si=BFLsT5JxquKvQJsi	
Lesson 65:	10.6 Impact forces	https://youtu.be/INXQP8NR6rQ?t=3504&si=zwamgP6shsEnQ-81	
Lesson 66:	10.7 Safety first	https://youtu.be/INXQP8NR6rQ?t=3902&si=L1rOGQoV704OMVB0	
Lesson 67:	10.8 Forces and elasticity	https://youtu.be/INXQP8NR6rQ?t=4404&si=VZbKHdwNR7SX_wcO	
Lesson 68:	11.1 Pressure and surfaces	https://youtu.be/iKVu_hMc8ao?t=19&si=kOBboKLNRPfMI9B	
Lesson 69:	11.2 Pressure in a liquid at rest	https://youtu.be/iKVu_hMc8ao?t=425&si=zelyuR2UYzu9tENR	
Lesson 70:	11.3 Atmospheric pressure	https://youtu.be/iKVu_hMc8ao?t=1107&si=YjXP47LH-5KUn4NX	
Lesson 71:	11.4 Upthrust and flotation	https://youtu.be/iKVu_hMc8ao?t=1615&si=wBW2QPhBrJfCvCLO	
Lesson 72:	12.1 The nature of waves	https://youtu.be/ELZsuhPf2V4?t=26&si=rMPswcGPKuSCOK1B	
Lesson 73:	12.2 The properties of waves	https://youtu.be/ELZsuhPf2V4?t=554&si=D57sOucCC1lkF-Wo	
Lesson 74:	12.3 Reflection and refraction	https://youtu.be/ELZsuhPf2V4?t=1041&si=y-AofgPFKtAL-Uoy	

Lesson 75:	12.4 More about waves	https://youtu.be/ELZsuhPf2V4?t=1675&si=bEK5uz93tlcgiDwx	
Lesson 76:	12.5 Sound waves	https://youtu.be/ELZsuhPf2V4?t=1832&si=Dcj_29gLrJNoeCJR	
Lesson 77:	12.6 The uses of ultrasound	https://youtu.be/ELZsuhPf2V4?t=2577&si=APz7iiRbaYeaZFLs	
Lesson 78:	12.7 Seismic waves	https://youtu.be/ELZsuhPf2V4?t=3115&si=LBil9Jf8HyXn6yWi	
Lesson 79:	13.1 The electromagnetic spectrum	https://youtu.be/bE9OlgodLAI?t=17&si=xVrbFutFDIXVda-A	
Lesson 80:	13.2 Light, infrared, microwaves, and radio waves	https://youtu.be/bE9OlgodLAI?t=416&si=OGYUoKJ2Nbb4NCe	
Lesson 81:	13.3 Communications	https://youtu.be/bE9OlgodLAI?t=1138&si=XN_1SWfcRjdgpRB	
Lesson 82:	13.4 Ultraviolet waves, X-rays, and gamma rays	https://youtu.be/bE9OlgodLAI?t=1508&si=Gudm9gssFXTuBYP2	
Lesson 83:	13.5 X-rays in medicine	https://youtu.be/bE9OlgodLAI?t=2238&si=MvLimRyqTFKTUDA8	
Lesson 84:	14.1 Reflection of light	https://youtu.be/5rX66NxjYol?t=16&si=0NoYhEA8BmP5nkcV	
Lesson 85:	14.2 Refraction of light	https://youtu.be/5rX66NxjYol?t=1100&si=wIhenqJzAxNkgkt5	
Lesson 86:	14.3 Light and colour	https://youtu.be/5rX66NxjYol?t=1576&si=GSyvTcfj9Lh5WxHL	
Lesson 87:	14.4 Lenses	https://youtu.be/5rX66NxjYol?t=2594&si=8SJURtTa1KXi_OXs	
Lesson 88:	14.5 Using lenses	https://youtu.be/5rX66NxjYol?t=3557&si=SXmiQHt6h9nPsQwn	
Lesson 89:	15.1 Magnetic fields	https://youtu.be/SyU9XCdPxg?t=17&si=bkGa4lhAddXxXsDL	
Lesson 90:	15.2 Magnetic fields of electric currents	https://youtu.be/SyU9XCdPxg?t=905&si=rnkiCa35MD1hJ9wv	
Lesson 91:	15.3 Electromagnets in devices	https://youtu.be/SyU9XCdPxg?t=1597&si=xa9ikZ-kFOuzttxR	
Lesson 92:	15.4 The motor effect	https://youtu.be/SyU9XCdPxg?t=2126&si=7u76KvpKcoOhfkBb	
Lesson 93:	15.5 The generator effect	https://youtu.be/SyU9XCdPxg?t=2848&si=m53dlkQSjBkcMtEf	

Lesson 94:	15.6 The alternating-current generator	https://youtu.be/SyU9XCDPxdg?t=3308&si=g46OAfWjRIAB-JOI	
Lesson 95:	15.7 Transformers	https://youtu.be/SyU9XCDPxdg?t=3795&si=W4KU5vE1ZluqAr0F	
Lesson 96:	15.8 Transformers in action	https://youtu.be/SyU9XCDPxdg?t=4199&si=qH6DtNWhj5Top2if	
Lesson 97:	16.1 Formation of the solar system	https://youtu.be/zpBvCQYhS58?t=35&si=6P11kbMS6oLLtcv1	
Lesson 98:	16.2 The life history of a star	https://youtu.be/zpBvCQYhS58?t=1083&si=K_hBrVjVbqEA9bsw	
Lesson 99:	16.3 Planets, satellites, and orbits	https://youtu.be/zpBvCQYhS58?t=2616&si=w-M9gpuzvENFx0vD	
Lesson 100:	16.4 The expanding universe	https://youtu.be/zpBvCQYhS58?t=3684&si=8PfpE1paNvGic1__	
Lesson 101:	16.5 The beginning and future of the universe	https://youtu.be/zpBvCQYhS58?t=4481&si=WadHYspyYWbVe4kV	