

A Level Physics

Week Commencing	Topic Areas Suggested	Resource links
20/1/20	SI Units base and derived - across whole course	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/01-Working-as-a-Physicist/Set-M/Working%20as%20a%20Physicist%201%20QP.pdf
27/1/20	Equations of motion and Moments	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/02-Mechanics/Set-B/Equations%20&%20Graphs%20of%20Motion.pdf
3/2/20	Projectile motion	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/02-Mechanics/Set-M/Projectiles%202%20QP.pdf
10/2/20	Circular motion	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/06-Further-Mechanics/Set-M/Circular%20Motion%202%20QP.pdf
17/2/20	Materials – Young’s modulus, stress strain curves and hysteresis	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/04-Materials/Set-M/Stress,%20Strain%20and%20Young's%20Modulus%203%20QP.pdf
24/2/20	Internal Resistance, EMF, Resistivity,	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/03-Electric-Circuits/Set-B/Internal%20Resistance.pdf
2/3/20	Potential Dividers, Ohms law	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/03-Electric-Circuits/Set-M/Potential%20Divider%20Circuits%20QP.pdf
9/3/20	Fluids – density and hydrostatic pressure	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/05-Waves-and-Particle-Nature-of-Light/Set-M/Diffraction%20&%20de%20Broglie%20Wavelength%201%20QP.pdf
16/3/20	Superposition, photoelectric effect	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/05-Waves-and-Particle-Nature-of-Light/Set-M/Photoelectric%20Effect%20&%20Atomic%20Spectra%202%20QP.pdf
23/3/20	Electric fields – uniform and point charges Electric potential. Capacitance	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/07-Electric-and-Magnetic-Fields/Set-M/Capacitors%203%20QP.pdf https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/07-Electric-and-Magnetic-Fields/Set-M/Electric%20Fields%202%20QP.pdf

30/3/20	Gravitational fields and potential	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/12-Gravitational-Fields/Set-A/Gravitational%20Fields.pdf
6/4/20	Magnetic fields, Left hand rule, cyclotrons	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/07-Electric-and-Magnetic-Fields/Set-M/Electromagnetic%20Induction%203%20QP.pdf https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/07-Electric-and-Magnetic-Fields/Set-M/Charges%20in%20Magnetic%20Fields%202%20QP.pdf
13/4/20	Nuclear decay and emission chains	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/11-Nuclear-Radiation/Set-D/Nuclear%20Decay.pdf https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/11-Nuclear-Radiation/Set-M/Radioactivity%203%20QP.pdf
20/4/20	Standard model of particle physics	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/08-Nuclear-and-Particle/Set-M/Particle%20Physics%201%20QP.pdf https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/08-Nuclear-and-Particle/Set-M/Nuclear%20Physics%201%20QP.pdf
27/4/20	Gas laws, kinetic theory, thermal physics	https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/09-Thermodynamics/Set-M/Black%20Body%20Radiation%20QP.pdf https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/09-Thermodynamics/Set-M/Calorimetry%202%20QP.pdf https://pmt.physicsandmathstutor.com/download/Physics/A-level/Topic-Qs/Edexcel/09-Thermodynamics/Set-M/Ideal%20Gas%20Law%20&%20the%20Kinetic%20theory%20Model%201%20QP.pdf

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