

Combined science Physics Foundation Revision guide PAPER 1

Priority Revision (these topics WILL be assessed in the exam)

CP1 Motion (all parts)

CP2g Stopping distances

CP3a Energy stores and transfers

CP3b Energy efficiency

CP3c Keeping Warm

CP3d Stored energies

CP4 Waves (all parts) – and especially Core practical - Investigating waves

CP5 Light and the electromagnetic spectrum (all parts)

CP6g Half-life

CP6h Dangers of radioactivity

Other Revision (these topics MAY be assessed in the exam)

CP6 Radioactivity parts a-f

DO NOT revise these topics (they will NOT be assessed in the exam)

CP2 Forces parts a-f and h

CP3 Energy parts e-f

Combined science Physics Foundation Revision guide PAPER 2

Priority Revision (these topics WILL be assessed in the exam)

CP7a Work and Power

CP3a Energy stores and transfers

CP3b Energy efficiency

CP3d Stored energies

CP9 Electricity (all parts EXCEPT part e)

CP10a Magnets and magnetic fields

CP12a Core practical – Investigating densities

CP12c Core practical – Investigating water

Other Revision (these topics MAY be assessed in the exam)

CP12 Particle model (all parts EXCEPT part d)

DO NOT revise these topics (they will NOT be assessed in the exam)

CP8 Forces and their effects (all parts)

CP9e More about resistance

CP10b Electromagnetism

CP11 Electromagnetic induction (all parts)

CP12d Gas Temperature and Pressure

CP13 Forces and matter (all parts)

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Priority Revision (these topics WILL be assessed in the exam)

CP1 Motion (all parts)

CP2b Newton's first law (ONLY the circular motion part)

CP2d Newton's second law (ONLY the Inertial mass part)

CP2e Newton's third law

CP2f Momentum

CP2h Crash Hazards

CP3a Energy stores and transfers

CP3b Energy efficiency

CP3c Keeping Warm

CP3d Stored energies

CP6a Atomic models

CP6d Background radiation

CP6e Types of radiation

CP6f Radioactive decay

Other Revision (these topics MAY be assessed in the exam)

CP2g Stopping distances

CP4 Waves (all parts)

CP5 Light and the electromagnetic spectrum (all parts)

CP6b Inside atoms

CP6c Electrons and orbits

CP6g Half-life

CP6h Dangers of radioactivity

DO NOT revise these topics (they will NOT be assessed in the exam)

CP2 Forces parts a-d (EXCEPT small sections on circular motion and inertial mass – stated above)

CP3 Energy parts e-f

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Priority Revision (these topics WILL be assessed in the exam)

CP7a Work and Power

CP3a Energy stores and transfers

CP3b Energy efficiency

CP3d Stored energies

CP9a Electric circuits

CP9b Current and potential difference

CP9c Current, charge and energy

CP9d Resistance

CP9e Core practical – Investigating resistance

CP10a Magnets and magnetic fields

CP12a Particles and density (and especially Core practical – Investigating densities)

CP12c Core practical – Investigating water

Other Revision (these topics MAY be assessed in the exam)

CP9 Electricity parts e-g

CP10b Electromagnetism

CP10c Magnetic forces

CP11 Electromagnetic Induction (all parts)

CP12 Particle model parts b-d

DO NOT revise these topics (they will NOT be assessed in the exam)

CP8 Forces and their effects (all parts)

CP9h Transferring energy by electricity

CP9i Electrical safety

CP13 Forces and matter (all parts)