

GCSE Physics Foundation Revision guide PAPER 1

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

SP1 Motion (all parts)

SP3 Conservation of Energy (parts a-d)

SP4 Waves (parts a-d especially the Core practical – Investigating Waves)

SP5 Light and the Electromagnetic Spectrum (parts a-c)

SP6 Radioactivity (parts g-m)

SP7 Astronomy (parts a-b)

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

SP2 Motion and Forces (all parts EXCEPT part e)

SP5 Light and the Electromagnetic Spectrum (parts d-j EXCEPT part g)

SP6 Radioactivity (parts a-f)

SP7 Astronomy (part c)

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

SP2 Motion and Forces (part e)

SP3 Conservation of Energy (parts e-f)

SP4 Waves (parts e-g)

SP5 Light and the Electromagnetic Spectrum (part g)

SP7 Astronomy (part d-e)

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

SP8 Energy – Forces doing work (all parts) and SP3 Conservation of Energy (parts a-d)

SP9 Forces and their effects (part c)

SP10 Electricity and Circuits (parts a-d)

SP11 Static Electricity (all parts)

SP12 Magnetism and the Motor effect (part a)

SP14 Particle Model (parts d-e and Core Practical – Investigating Densities and Core Practical – Investigating Water)

SP15 Forces and Matter (parts c-d)

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

SP10 Electricity and Circuits (parts f-i)

SP14 Particle Model (parts a-c)

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

SP9 Forces and their effects (parts a-b)

SP10 Electricity and Circuits (part e)

SP12 Magnetism and the Motor effect (part b-c)

SP13 Electromagnetic Induction (all parts)

SP15 Forces and Matter (parts a-b)

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

SP1 Motion (all parts)

SP2 Motion and Forces (Parts e-f and also Circular motion from part b and Inertial mass from part d)

SP3 Conservation of Energy (parts a-d)

SP4 Waves (parts d-g)

SP5 Light and the Electromagnetic Spectrum (parts a-c)

SP6 Radioactivity (parts a, d-f)

SP7 Astronomy (parts d-e)

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

SP2 Motion and Forces (parts g-i)

SP4 Waves (parts a-c)

SP5 Light and the Electromagnetic Spectrum (parts d-j EXCEPT part g)

SP6 Radioactivity (b-c and g-m)

SP7 Astronomy (part c)

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

SP2 Motion and Forces (parts a-d EXCEPT parts on Circular motion and Inertial mass – see above)

SP3 Conservation of Energy (parts e-f)

SP5 Light and the Electromagnetic Spectrum (part g)

SP7 Astronomy (parts a-b)

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

SP8 Energy – Forces doing work (all parts) and SP3 Conservation of Energy (parts a-d)

SP9 Forces and their effects (part c)

SP10 Electricity and Circuits (parts a-c and Core Practical - Investigating Resistance)

SP11 Static Electricity (all parts)

SP12 Magnetism and the Motor effect (part a)

SP13 Electromagnetic Induction (all parts)

SP14 Particle Model (part a especially Core Practical Investigating Densities and Core practical Investigating - Water)

SP15 Forces and Matter (part c)

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

SP9 Forces and their effects (parts a-b)

SP10 Electricity and Circuits (parts d-g)

SP12 Magnetism and the Motor effect (parts b-c)

SP14 Particle Model (parts b-e)

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

SP10 Electricity and Circuits (parts h-i)

SP15 Forces and Matter (parts a-b, d)