

Sort by
GCSE
course

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GCSE
paper

Key

Major topic area - revision priority

Content may be assessed - revision required

Will NOT be assessed - do not revise

Topics used in GCSE
textbooks and
revision guides

AQA GCSE Science Advance Information

Course	Subject & Paper	Spec. Code	Title	Topic
Combined F	Physics Paper 1	6.1.1.1	Energy stores and systems	P1
Combined F	Physics Paper 1	6.1.1.2	Changes in energy	P1
Combined F	Physics Paper 1	6.1.1.3	Energy changes in systems	P1
Combined F	Physics Paper 1	6.1.1.4	Power	P1
Combined F	Physics Paper 1	6.1.2.1	Energy transfers in a system	P1
Combined F	Physics Paper 1	6.1.2.2	Efficiency	P1
Combined F	Physics Paper 1	6.1.3.0	National and global energy resources	P3
Combined F	Physics Paper 1	6.2.1.1	Standard circuit diagram symbols	P4
Combined F	Physics Paper 1	6.2.1.2	Electrical charge and current	P4
Combined F	Physics Paper 1	6.2.1.3	Current, resistance and potential difference	P4
Combined F	Physics Paper 1	6.2.1.4	Resistors	P4
Combined F	Physics Paper 1	6.2.2.0	Series and parallel circuits	P4
Combined F	Physics Paper 1	6.2.3.1	Direct and alternating potential difference	P5
Combined F	Physics Paper 1	6.2.3.2	Mains electricity	P5
Combined F	Physics Paper 1	6.2.4.1	Power	P1
Combined F	Physics Paper 1	6.2.4.2	Energy transfers in everyday appliances	P1
Combined F	Physics Paper 1	6.2.4.3	The National Grid	P5
Combined F	Physics Paper 1	6.3.1.1	Density of materials	P6
Combined F	Physics Paper 1	6.3.1.2	Changes of state	P6
Combined F	Physics Paper 1	6.3.2.1	Internal energy	P6
Combined F	Physics Paper 1	6.3.2.2	Temperature changes in a system and specific heat capacity	P6
Combined F	Physics Paper 1	6.3.2.3	Changes of state and specific latent heat	P6
Combined F	Physics Paper 1	6.3.3.1	Particle motion in gases	P6
Combined F	Physics Paper 1	6.4.1.1	The structure of an atom	P7
Combined F	Physics Paper 1	6.4.1.2	Mass number, atomic number and isotopes	P7
Combined F	Physics Paper 1	6.4.1.3	The development of the model of the atom	P7
Combined F	Physics Paper 1	6.4.2.1	Radioactive decay and nuclear radiation	P7
Combined F	Physics Paper 1	6.4.2.2	Nuclear equations	P7
Combined F	Physics Paper 1	6.4.2.3	Half-lives and the random nature of radioactive decay	P7
Combined F	Physics Paper 1	6.4.2.4	Radioactive contamination	P7
Combined F	Physics Paper 1	6.1.1.3	RP14: Specific heat capacity	P2
Combined F	Physics Paper 1	6.2.1.3	RP15: Resistance	P4
Combined F	Physics Paper 1	6.2.1.4	RP16: IV Characteristics	P4
Combined F	Physics Paper 1	6.3.1.1	RP17: Density	P6
Combined F	Physics Paper 1	6.5.2.0	Work done and energy transfer	P1
Combined F	Physics Paper 1	6.5.5.2	Conservation of momentum	P1
Combined F	Physics Paper 1	6.6.2.2	RP21: Infrared radiation	P2