

Physics Revision List November 2026

Exam information: Students in Year 11 are split into the Separate Science and Combined (Trilogy) Science pathway and will sit 3 combined science exams- one for Biology, one for Chemistry and one for Physics.

Sets: R, A,P and H

Written exam: 1 hour 15 minutes

Exam Board: AQA Combined Science.

Marks:70 marks

Questions: A mixture of multiple choice, structured, closed short answer, and open response.

Additional Information: A full equation sheet will be provided.

You need to bring a calculator to your exam.

This exam will cover some topics from Year 10 and some from Year 9

Sets: G

Written exam: 1 hour 45 minutes

Exam Board: AQA Separate Science.

Marks:100 marks

Questions: A mixture of multiple choice, structured, closed short answer, and open response.

Additional Information: A full equation sheet will be provided.

You need to bring a calculator to your exam.

This exam will cover some topics from Year 10 and some from Year 9

Topic		Revised?
Year 9	Energy Stores and Transfers	
	Energy calculations (KE, GPE, Power, Energy, Efficiency)	
	Energy Transfer through heating (Conduction, Infra-red radiation)	
Year 10	Specific Heat Capacity and Specific Latent Heat	
	Required Practical- Investigation Specific Heat Capacity of a substance	
	Energy demand	
	Renewable and Non- Renewable Energy resources	
	Static Electricity (Separates Only)	
	Circuit components symbols	
	Current, Potential Difference and Resistance, theory and calculations	
	The rules for series and parallel circuits	
	Required Practical- Resistance of a wire	
	Require Practical- IV Characteristics	
	Alternating and Direct current	
	Cables and Plugs	
	Transformers	
Year 9	Density	
	States of matter and changing state	
	Gas pressure	
Year 10	History of the atom	
	Properties of Alpha, Beta and Gamma radiation	
	Uses and dangers of alpha, beta and gamma	
	Half life calculations and graphs	

Revision Links

Cognito Science Lessons

[Cognito Combined Science Physics Lessons](#)

Topics 1 to 4

BBC Bitesize

[Energy](#)

[Electricity](#)

[Matter and Molecules](#)

[Atomic Structure](#)

GCSE Physics Online Videos (note: some content requires a subscription, a lot are free)

[Energy](#)

[Electricity](#)

[Matter and molecules](#)

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