



Year 11 Combined Physics (Higher) Revision Checklist 2021

Subject Combined Physics		Paper Physics Paper One (higher)	Duration 1 hour and 15 minutes
What to revise		How to revise it	
1	Energy – Changes in Energy Store	https://www.bbc.com/bitesize/guides/z8hsrwx/revision/1 Collins All-in-One Revision and Practice p170	
2	Energy – Work, power and efficiency	https://www.bbc.com/bitesize/guides/zp8jtv4/revision/1	
3	Energy – Energy and Heating	https://www.bbc.com/bitesize/guides/z2gjt4/revision/1 Collins All-in-One Revision and Practice p170	
4	Energy – Energy Demands	https://www.bbc.com/bitesize/guides/zchgdxs/revision/1 Collins All-in-One Revision and Practice p172	
5	Electricity – Circuits	https://www.bbc.com/bitesize/guides/zpdtv9g/revision/1 Collins All-in-One Revision and Practice p188	
6	Electricity – Mains electricity	https://www.bbc.com/bitesize/guides/z3xv97h/revision/1 Collins All-in-One Revision and Practice p194	
7	Particle Model – Density of materials	https://www.bbc.com/bitesize/guides/zsqngdm/revision/1 Collins All-in-One Revision and Practice p210	
8	Particle Model – Temperature changes and energy	https://www.bbc.com/bitesize/guides/zcncjty/revision/1 Collins All-in-One Revision and Practice p210	
9	Particle Model – Particles in gases	https://www.bbc.com/bitesize/guides/zqrqh39/revision/1 Collins All-in-One Revision and Practice p210	
10	Atomic Structure – Models of the atom	https://www.bbc.com/bitesize/guides/zxkxfw/revision/1 Collins All-in-One Revision and Practice p212	
11	Atomic Structure – Atoms, isotopes and ions	https://www.bbc.com/bitesize/guides/zpjb82/revision/1 Collins All-in-One Revision and Practice p212	
12	Atomic Structure - Radioactive Decay	https://www.bbc.com/bitesize/guides/z3tb8mn/revision/1 Collins All-in-One Revision and Practice p214/p216	
13	Atomic Structure – Uses and dangers of radiation	https://www.bbc.com/bitesize/guides/z83dxfr/revision/1 Collins All-in-One Revision and Practice p214/p216	

Energy Practice Questions : <https://www.bbc.com/bitesize/guides/z3nktv4/revision/1>

Electricity Practice Questions: <https://www.bbc.com/bitesize/guides/zx7vw6f/revision/1>

Particle Model Practice Questions: <https://www.bbc.com/bitesize/guides/z33qfcw/revision/1>

Atomic Structure Practice Questions: <https://www.bbc.com/bitesize/guides/zxxg7p3/revision/1>

You will also need to learn your formulae, which should be at the back of your book. Here they are split into paper 1 and 2:
<http://www.rswebsites.co.uk/science/quizzes/GCSE%20Physics%209-1/Calculations/Equations%20Simplified.pdf>

Please also use SENECA for more practice questions. Make sure you select topics 1 – 4 only.