

Year 11 assessment

Specification: <https://www.aqa.org.uk/subjects/science/gcse/physics-8463/specification-at-a-glance>

Past papers: <https://www.physicsandmathstutor.com/past-papers/gcse-physics/aqa-paper-2/>

Subject Triple Physics		Paper Physics Paper 2 (higher and foundation)	Duration 1 hour and 45 minutes
What to revise		How to revise it	
1	Scalar and vector quantities	https://www.bbc.com/bitesize/guides/zpqngdm/revision/1 Oxford Revise Revision and Practice – page 96 - 107	
2	Contact and non contact forces	https://www.bbc.com/bitesize/guides/zyxv97h/revision/1 Oxford Revise Revision and Practice – page 96 - 107	
3	Gravity	https://www.bbc.com/bitesize/guides/zgncjty/revision/1 Oxford Revise Revision and Practice – page 96 - 107	
4	Forces and elasticity	https://www.bbc.com/bitesize/guides/z9v8msg/revision/1 Oxford Revise Revision and Practice – page 96 – 107	
5	Moments, Levers and gears	https://www.bbc.com/bitesize/guides/ztjpb82/revision/1 Oxford Revise Revision and Practice – page 96 - 107	
6	Pressure in fluids	https://www.bbc.com/bitesize/guides/z93dxfr/revision/1 Oxford Revise Revision and Practice – page 108 - 115	
7	Describing motion	https://www.bbc.com/bitesize/guides/zwc7pbk/revision/1 Oxford Revise Revision and Practice – page 116 – 127	
8	Forces acceleration and Newton's Laws	https://www.bbc.com/bitesize/guides/zp2fcj6/revision/1 Oxford Revise Revision and Practice – page 128 - 151	
9	Momentum (Higher Only)	https://www.bbc.com/bitesize/guides/zytb8mn/revision/1 Oxford Revise Revision and Practice – page 128- 151	
10	Properties of waves	https://www.bbc.com/bitesize/guides/zgf97p3/revision/1 Oxford Revise Revision and Practice – page 152 – 173	
11	Transverse and longitudinal waves	https://www.bbc.com/bitesize/guides/z9bw6yc/revision/1 Oxford Revise Revision and Practice – page 152 – 173	
12	Reflection and Refraction	https://www.bbc.com/bitesize/guides/zw42ng8/revision/1 Oxford Revise Revision and Practice – page 152 – 173	
13	Sound and Ultrasound (higher)	https://www.bbc.com/bitesize/guides/z2dtv9q/revision/1 Oxford Revise Revision and Practice – page 174 - 187	
14	Lenses	https://www.bbc.com/bitesize/guides/zt7srwx/revision/1 Oxford Revise Revision and Practice – page 174 - 187	
15	Black body radiation	https://www.bbc.com/bitesize/guides/zs63k2p/revision/1 Oxford Revise Revision and Practice – page 174 - 187	
16	Magnetic Fields	https://www.bbc.com/bitesize/guides/z3s4qhv/revision/1 Oxford Revise Revision and Practice – page 188 - 199	
17	Electromagnets	https://www.bbc.com/bitesize/guides/zc3dxfr/revision/1 Oxford Revise Revision and Practice – page 188 - 199	
18	Electromagnetic Induction (Higher)	https://www.bbc.com/bitesize/guides/z8c7pbk/revision/1 Oxford Revise Revision and Practice – page 200 – 211	
19	Transformers (Higher)	https://www.bbc.com/bitesize/guides/z2wh3k7/revision/1 Oxford Revise Revision and Practice – page 200 – 211	
20	The solar system	https://www.bbc.com/bitesize/guides/zt2fcj6/revision/1 Oxford Revise Revision and Practice – page 212 -216	

21	The life cycle of a star	https://www.bbc.com/bitesize/guides/zpxv97h/revision/1 Oxford Revise Revision and Practice – page 212 – 216
22	The expanding Universe	https://www.bbc.com/bitesize/guides/zstb8mn/revision/1 Oxford Revise Revision and Practice – page 212 - 216

Forces Practice Questions: <https://www.bbc.com/bitesize/guides/zgrm3k7/revision/1>

Waves Practice Questions: <https://www.bbc.com/bitesize/guides/z9khcj6/revision/1>

Magnetism Practice Questions: <https://www.bbc.com/bitesize/guides/zq7vw6f/revision/1>

Space Practice Questions: <https://www.bbc.com/bitesize/guides/zth4xfr/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 5–7 only.