

Transition to A-Level Physics 2021

Summer Preparation Tasks

The following sections include links to resources to work through independently in preparation for the A-level course. Be selective about how you use these. Where the resource is a video, you should pause at regular intervals to make notes on what you can remember.

Core knowledge for A level Physics

Make sure you know these GCSE topics thoroughly before starting the A-level course:

- Forces (partially studied during lockdown)
- Energy
- Electricity
- Waves (studied during lockdown)

There are also the atomic structure, particle model of matter, electromagnetism and space topics which are worth revising if you have the time.

- Youtube playlist of topic overviews:
<https://www.youtube.com/playlist?list=PLIDtVvefFYT85U1l0jXTrMxDkqILrg18C>
- Have a look at the A-level specification to see what topics are coming up:
<https://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF>
- Bitezise GCSE: <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>

Key Skills for A-level Physics

- Maths skills playlist: <https://www.youtube.com/playlist?list=PLIDtVvefFYT-i034Avf5Y9vxifk815NTi>