

## **Web Links to help you prepare for your a Level Physics studies.**

### **AQA Physics A Level Specification**

The subject content of your A Level Physics course will consist of the following

1. Measurements and their errors
2. Particles and Radiation
3. Waves
4. Mechanics and Materials
5. Electricity
6. Further Mechanics and Thermal Physics
7. Fields and their Consequences
8. Nuclear Physics
9. Astrophysics

The link to the AQA specification can be found here.

<https://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF>

### **BBC Bitesize for GCSE Physics**

The BBC Bitesize is a set of resources to complement your GCSE Physics studies. It is also a good place to check in preparation for your a Level Physics studies.

<https://www.bbc.co.uk/bitesize/subjects/zpm6fg8>

### **A Level Physics Online**

This is a series of free online video tutorials to help you with your 1<sup>st</sup> year A Level Physics work.

<https://www.alevelphysicsonline.com/aqa>

### **Sixty Symbols**

A series of videos about the symbols of physics and astronomy from the University of Nottingham

<http://www.sixtysymbols.com/>

### **The Feynman Lectures on Physics, volumes 1, 2 and 3.**

A set of lectures from one of the great physicists. A must for anyone wishing to take physics further than A Level

Volume 1 covers mainly mechanics, radiation and heat.

Volume 2 covers mainly electromagnetism and matter.

Volume 3 is quantum mechanics.

<http://www.feynmanlectures.info/>

### **The Ogden Trust**

A-level physics online is a set of video tutorials for Year 12 and 13. It covers all exam boards and has links to Isaac Physics questions so students can practice what they have learnt. The video tutorials are informative and engaging and are a useful tool for students to revise or for teachers to use flipped learning in their lessons. Year 12 videos can be accessed for free and year 13 videos require a subscription. Created by Ogden partnership teacher Lewis Matheson.

<https://www.ogdentrust.com/resources/a-level-physics-online>