

## A Level Physics – Subject Information Sheet

### Why choose A Level Physics?

Studying A Level Physics will develop your reasoning, problem-solving and analytical skills to the next level. This will position you ideally for university level study or the workplace.

A Level Physics will give you incredibly strong analytical and research skills. You will be able to come at problems and solve them in a methodical and logical way.

Physicists look for all the hidden laws that explain why all matter (that's every physical thing) and energy in the known universe exists, where it comes from and how it behaves the way it does.

So if you're wondering how forces of nature, like gravity, work or how aircraft stay up in the air, this is the subject for you.

### What other subjects would work well with A Level Physics?

Maths and Chemistry

### Description of the course

The course is structured into 6 modules. In year 12 you will cover materials, waves, quantum physics and electricity. In year 13, you progress onwards with further particle physics, Thermal Physics, Astrophysics and cosmology.

### Educational Progression and Career Opportunities.

What possible careers or degree subjects would A Level (Physics) be useful for?

Radiology

Physics

Engineering

Mechanical engineering

Astrophysics

Want to find out more? Here are some useful websites and resources to use.

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

