


Physics



advancing learning, changing lives

Level 3 Advanced GCE in Physics (9PHo)

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PHYSICS 2 YEAR A-LEVEL

Why should I study Physics?

Studying Physics provides a broad insight into how the world works and how the principles and methods which are applied (for example) to turn the power of the wind into the ability to watch wind turbines in action on your smartphone. You'll learn more about energy, principles of electricity and electronics, space travel, magnetism, time, mechanics, engineering and computing. You'll be conducting experiments, making observations, drawing conclusions and interacting with the world around you, gaining knowledge and understanding of how it works and how it might be improved.

What skills can I gain from studying Physics?

Skills gained in Physics include learning about how to apply experiment outcomes, communication, ICT, problem solving and working with others. As well as discovering about how the universe works, you'll get a broad training in skills that all employers value – an ability to grasp concepts quickly, how to find coherent (meaningful) answers - not to mention problem-solving, analytical, mathematical and IT skills.

What career paths would Physics be suitable for?

By studying physics you're opening the door to a wide variety of rewarding careers. An A Level in Physics opens the door to a range of career paths including Medicine, Space, Law and Finance, Environment, Civil and Electronic Engineering, Transport, Energy, Music and Television and Education.

Subject Combinations

Physics would go well with:
Biology/Business/Chemistry/Design Technology/ ICT/ Mathematics



Website

<http://www.edexcel.com/quals/gce/gce15/physics/Pages/default.aspx>

