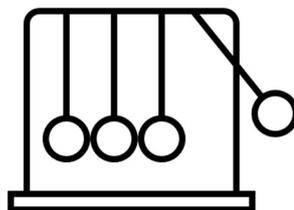


A-Level PHYSICS



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Going places with Physics!

Physicists explore the fundamental nature of almost everything we know of. They probe the furthest reaches of the earth to study the smallest pieces of matter. Join them to enter a world deep beneath the surface of normal human experience.

Why study this course at Bellerive FCJ Sixth Form?

Subject teachers are well qualified, enthusiastic, experienced, and caring. The department is well equipped with the resources needed for studies to be successful, e.g. up to date textbooks, work booklets, exam practice software.

Practical Skills

It is important to link the theory in Physics with reality. We do this through many different practical exercises throughout the course. This allows students to gain essential practical skills they need as they move onto further studies.

“Time and space are finite in extent, but they don’t have any boundary or edge. They would be like the surface of the earth, but with two more dimensions.”

Stephen Hawking, Theoretical Physicist, Cosmologist and Director of Research at University of Cambridge. Author of A Brief History of Time.



What will I study?

Particles and Radiation
Waves and Optics
Mechanics and Materials
Electricity
Further Mechanics and Thermal Physics
Fields and their consequences
Nuclear Physics
Turning points in Physics

How will I be assessed?

Three exams (34%, 34%, 32%)

Can I take this course if I have not taken it at GCSE?

Students need to have completed Combined Science or Physics GCSE

What can the course lead on to?

According to bestcourse4me.com, the top seven degree courses taken by students who have an A-level in Physics are:

- Mathematics
- Physics
- Mechanical Engineering
- Computer Science
- Civil Engineering
- Economics
- Business.

Studying A-level Physics offers an infinite number of amazing career opportunities including:

- Geophysicist/field seismologist
- Healthcare scientist, medical physics
- Higher education lecturer
- Radiation protection practitioner
- Research scientist (physical sciences)
- Scientific laboratory technician
- Secondary school teacher
- Meteorologist
- Structural engineer
- Acoustic engineer
- Product/process development scientist
- Systems developer