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PHYSICS

A LEVEL

What will I do?

Entry Requirements:

Students are expected to have a genuine interest in the subject and a high grade (9-6) in GCSE Maths and Science. Students need to be aware that attendance at teaching sessions is mandatory in order to cover the depth of knowledge required in this syllabus.

Is this for me?

A Level Physics is for students who want to go on to study a scientific degree at university e.g. Mathematics, Physics, Engineering, Medicine; or want to study a degree that uses mathematical and problem solving skills e.g. accountancy, robotics or flying school.

It complements the A Level Mathematics course and, as such, most students studying Physics also study Mathematics.



Bodmin College runs the AQA A level Physics course. As with all the new specifications, this course is linear, running over two years and is assessed at the end of Year 13. There is also an AS option that will be assessed at the end of Year 12.

During the first year, you will study particles and radiation, waves, mechanics, materials and electricity. In the second year, you will study thermal physics, fields and nuclear physics. There is also a final 'option unit' that allows students to look at one particular aspect of Physics in more depth.

During the course, you will have the chance to complete 12 key practical investigations that make up a portfolio of experience to prepare you for the practical skills section in the summer examinations.

This means, that by the end of the A Level course, you will have progressed in all the skills necessary to go on to a relevant university course e.g. Physics, Engineering and Astrophysics.

The course is assessed in three modules:

- ◆ Paper 1: 2 hour paper covering the first five topics (34%)
- ◆ Paper 2: 2 hour paper covering the higher level topics (34%)
- ◆ Paper 3: 2 hour paper that is split into practical investigation questions and questions on the option unit (32%)

Throughout the course, we encourage students to improve their ICT skills, in research, results analysis and data-logging.

For more information please contact:
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