

PHYSICS



BEVERLEY JOINT SIXTH



PHYSICS 2012

YEAR 12 - AS LEVEL

The AS level Physics course for September 2012 will be made up of 3 units. The work covered in these units is:-

Particles, Quantum Phenomena and Electricity
Mechanics, Materials and Waves
Investigative and Practical Skills for AS

The content of the AS course has been designed to be more relevant and accessible to a wider variety of students who may only follow a Physics course for one year. It provides an exciting challenge for students interested in finding out about the world around us.

Some of the more mathematical work now only appears in the second year A2 course. The Investigative and Practical Skills unit is a key element of the course and comprises an Investigative Skills Assignment (ISA) and a Practical Skills Assessment (PSA). Students considering AS are encouraged to talk to any of the Physics teachers.

The study of mathematics is NOT a pre-requisite of this course.

YEAR 13 - A2 LEVEL

Entry on to the A2 level depends on the successful completion of the AS course. This also has 3 units. The work covered in these units is:-

Fields and Further Mechanics
Nuclear and Thermal Physics and an Optional Topic
Investigative and Practical Skills for A2

Career Opportunities: Physics is a qualification which can open many doors to future careers. Many branches of Engineering require Physics as does Medicine, Veterinary Science, Scientific Journalism, Ophthalmics, Aeronautics, Laboratory Technician, Scientific marketing, Information Scientist, Geophysics, Radiography, Meteorology, Dentistry and Astronomy.