



Physics

Years 7 – 9.

Throughout year seven to nine, students study physics in short modules as part of their science lessons. Topics include space, energy, light and sound, forces and motion, and electricity. Students also develop their practical investigation, numeracy and literacy skills in preparation for GCSE.

Years 10 and 11:

In years ten and eleven students build on the topics and skills development covered in year seven to nine and are also introduced to new topics such as radioactivity, particle physics and medical physics. These studies can lead to a standalone GCSE in physics or can contribute to a GCSE in combined science.

Post 16:

A level physics is a two year course consisting of a number of classical and modern physics topics covered in depth. Students develop their analytical and evaluative skills in order to solve complex problems and develop their practical skills to gain the 'practical skills endorsement' favoured by higher education institutions. Topics introduced in studies at this level are astrophysics, materials, relativity and the fundamentals of quantum theory.