



SCIENCE

At Crofton Academy we give students the opportunity to develop their interest in and enthusiasm for Science. All Science courses are based on the statutory requirements of the National Curriculum. At **Key Stage 3** pupils will study the Exploring Science course, based on the QCA scheme of work.

In Year 7 the emphasis is on the development of practical and process skills. As the pupils progress through Year 8 more emphasis is placed on knowledge and comprehension.

Throughout the course pupils are assessed regularly on their skills of planning, implementing (doing) and concluding (judging) practical investigations, developing a critical approach to scientific enquiry and methods.

From Year 9 pupils will follow a three year combined science course, covering aspects of Biology, Chemistry and Physics. There is also an opportunity for some pupils to study separate sciences, leading to three GCSE grades in Biology, Chemistry and Physics.

All courses rely heavily on 'How Science Works', where pupils are expected to examine evidence, observe experiments, design experiments, make measurements, use data appropriately and consider the ethical, social, economic and environmental issues in science.