

Curriculum statement

Science KS4

At Key Stage 4 we continue to teach with reference to the 10 Big Ideas in science and deepen the students understanding of these ideas. Students acquire the full range of scientific skills, learn to apply knowledge to solve problems and investigate scientific phenomena. Through frequent exposure to each of the Big Ideas, students will have a science education that has been developed to progress their understanding of the key ideas in science that shape their lives during and beyond their school years. In year 11, students are taught by a specialist Biology, Chemistry or Physics teacher and will have the option to study for 2 Science GCSEs through the AQA Trilogy pathway or study the 3 separate sciences to gain 3 science GCSEs. Students have the chance to broaden their understanding of science through a trip to CERN in Switzerland and to study for a Silver CREST award.