



SCIENCE CURRICULUM OVERVIEW

Key Stage 3

Transition Stage

During the Transition Stage students study topics which include cells, life processes, forces, space, particles and reactions which build on their learning from Primary School.

Students follow the National Curriculum programme of study based on the Activate 1 course. This is a knowledge-rich course, with a focus on embedding core concepts in Year 7 so that students can access and apply the key skills needed to enjoy and succeed in the subject.

Students develop their practical skills throughout the year and have the opportunity to take part in a weekly Science Club.

Foundation Stage

Students continue the Activate 1 course and begin the Activate 2 course to complete the Key Stage 3 National Curriculum.

Students continue learning about the big concepts of forces, energy, waves, matter, reactions, organisms, ecosystems and the earth.

During the Spring Term of Year 9, students are introduced to the Key Stage 4 curriculum completing the three topics of cells, energy and atomic structure.

Key Stage 4

Examination Stage

Students follow either a combined science (2 GCSEs) course or learn the sciences separately on the Triple Science course (3 GCSEs).

Practical science is at the core of each course with 21 core practical activities completed.

We use resources from AQA GCSE Sciences (9-1) Kerboodle course to support students.

Key Stage 5

Advanced Stage

Students are able to study A Levels in Biology, Chemistry and Physics or BTEC Applied Science.