

SCIENCE KEY STAGE 4 YEAR 9/10/11 SCHEDULE

Modules/Units

Students will study the AQA Combined Science trilogy qualification from year 9 to 11. This qualification has three strands of biology, chemistry and physics and students will sit two papers for each of these subjects in the summer of year 11.

Biology:

Cell biology, Cell Organization, infection and response, bioenergetics, homeostasis and response, inheritance, variation and evolution, ecology.

Chemistry:

Atomic structure and the periodic table, bonding, structure, and the properties of matter, quantitative chemistry, chemical changes, energy changes, rate and extent of chemical change, organic chemistry, chemical analysis, chemistry of the atmosphere, using resources.

Physics:

Energy, electricity, particle model of matter, atomic structure, forces, waves, magnetism and electromagnetism.

Coursework deadlines/exams

The new GCSE has no coursework.

The new GCSE does require a record of required practical experiments will which we undertaken by each class during the relevant topics. These are to be kept by the school, and will not be assessed externally.

End of year prep exams will be in June.

End of topic assessments will usually be at the end of each half term but this may need to be flexible as some topics require more time.

Assessment schedule

<u>Type of assessment</u>	<u>Completed</u>
End of topic tests	As required
Prep exams	
Knowledge organizer check-ups	Weekly

Other information

Students may have the opportunity to extend their qualification to the Separate Science qualification, this requires further knowledge of each topic that would be delivered at the beginning of year 11.

Decisions about students taking this extended qualification will be made at the end of year 10, after the majority of the course has been delivered and assessments/prep exams completed. Parents will be consulted regarding any possible decisions around a student taking the separate science qualification.

Resources for students will be made available on the VLE, including lesson presentations and revision resources.