Holmes Chapel Comprehensive School & 6th Form College

National Teaching School designated by National College for Teaching & Leadership

Ofsted Outstanding Provider

GCSE - Triple Science

5 extra lessons as a top up leading to individual GCSEs in Biology, Chemistry & Physics (3 GCSEs in total)

Examination Board: AQA
Subject Leader(s): Mr Jones

Course Structure

Unit	Topics/Unit Title	Assessment	Weighting (%)
1 2	Biology paper 1 Biology paper 2	Exam 1 hour 45 minutes Exam 1 hour 45 minutes	50% 50%
1 2	Chemistry paper 1 Chemistry paper 2	Exam 1 hour 45 minutes Exam 1 hour 45 minutes	50% 50%
1 2	Physics paper 1 Physics paper 2	Exam 1 hour 45 minutes Exam 1 hour 45 minutes	50% 50%

What does the course involve?

Studying the separate sciences means students will cover more content than GCSE Combined sciences. The new GCSEs in Biology, Chemistry and Physics will provide great preparation for A-Levels in those subjects, without overlapping content.

There are 8 required practicals for each subject and each subject will be externally assessed through two exam papers. These exams will assess knowledge and understanding from different topics.

Summary of Content		
Biology	**Chemistry**	**Physics**
• Cell biology • Organisation • Infection & Response • Bioenergetics • Homeostatis and response • Inheritance, Variation and evolution • Ecology	• Atomic Structure and the periodic table • Quantitative chemistry • Chemical changes • Energy changes • The rate and extent of chemical change • Organic chemistry • Chemical analysis • Chemistry of the Atmosphere • Using Resources	• Forces • Energy • Waves • Electricity • Magnetism & Electromagnetism • Particle Model of Matter • Atomic Structure

The grades will be 9 – 1 for Biology, Chemistry and Physics
All Science GCSEs will have Higher and Foundation tier papers.

Further Study/Employment Prospects

This course allows to progression to traditional science A-Levels and to a wider range of science-based vocational courses such as Health Care.

Skills you will develop

We know that practicals are not only one of the most engaging parts of a science education but are also essential for students' understanding of scientific theory. There are 16 required practicals spread throughout the course, as well as many other opportunities to develop practical skills and manual dexterity, independent learning and the ability to participate in group work. There is a need for a certain level of mathematical competence and the necessary skills will be reinforced during science lessons.