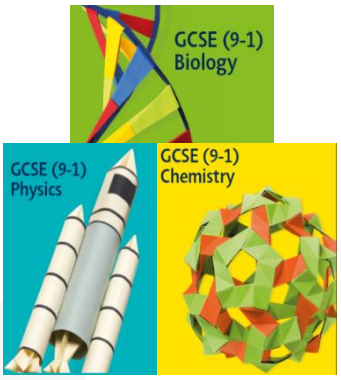
PEMBROKE
A PRIORY ACADEMY

AQA 'Triple Science'
GCSE Biology, GCSE Chemistry and GCSE Physics



Why should I study GCSE Biology, Chemistry and Physics?

You like figuring out why
You like Science
You wish to study a Science A-Level
I attained a grade 5 in my Science baseline assessment

What will I study?

Students will study all of the content covered in the GCSE Combined Science course, as well as extra Biology, Chemistry and Physics content. Each week there will be 4 lessons covering the core content and 3 lessons covering extra content. You will need a strong commitment to this extra work to succeed in this course. This course is designed for students wanting to study science A-Levels, it is for this reason that you would need to have attained at least a grade 5 in the GCSE baseline assessments to show that you are able to cope with the extra content and examination time. Pupils take their year 7, 8 and 9 science studies into a lot more detail. The 3 main sciences of Biology, Chemistry and Physics are studied. There are 8 Biology units looking at topics ranging from Cellular Biology, Infection and Response all the way to Ecology. Physics has 8 units ranging from Energy and Electricity and further topics such as Waves and Electromagnetism. The 8 Chemistry units are more closely linked looking at Atomic Structure, the Development of the Periodic Table and topics looking at Organic Chemistry and Chemistry of the Atmosphere.

Sciences will be studies concurrently with at least two lessons per week for Biology, Chemistry and Physics specific work. Each unit is assessed with a topic test to check current levels of knowledge and understanding. There are also 4 mock examination opportunities to check progress against externally assessed criteria

How will I be assessed?

Each of the three GCSE courses is assessed in the following way:

- Two Examinations of 1hr 45 minutes each with 100 marks on each paper.

In total there will be **six examinations**.

Which skills will I develop and use?

This course will help you develop the following skills:

- Researching Data.
- Analysing Data.
- Presenting Data.
- Evaluating Data.
- Developing an understanding for the world around you.
- Explaining the processes that affect our everyday lives.

How will I be able to use this subject in my future career?

For students who are planning studying sciences at advanced level (AS/A2) the Triple Science pathway is the most appropriate choice to make. This will then lead onto degree level study or professional training in a vast range of fields, such as medicine, engineering and pharmacology. The list of careers is endless.