

# Applied Science

A - Level AQA

## General Course Information

Do you want to study Biology, Chemistry and Physics whilst carrying out practical science investigations? Then the Applied Science certificate course offers all of this. This Level 3 qualification delivers a broad practical introduction to Science and supports your progression to further study or employment. Lessons are designed to develop your fundamental scientific knowledge and practical skills valued by universities and employers.

## How is the course assessed?

We follow the AQA Applied Science level certificates: details can be found on the AQA website [www.aqa.org.uk](http://www.aqa.org.uk).

The content is as follows:

Year 12 - Level 3 Certificate in Applied science

1. Key concepts in science
2. Applied experimental techniques
3. Science in the modern world

Year 13 – Level 3 Extended Certificate in Applied science

6. The Human body
7. Investigating science
8. Microbiology

In year 12 there are two examinations covering all of the content. Practical assessment will be covered by maintaining a logbook of required experimental tasks and completion of an internally assessed assessment. The theory of practical skills and data analysis is included within the examinations.

In year 13 there is one examination which will cover the content of the Human Body unit. In order to progress to the Year 13 course, it is expected that you pass Year 12 with a Pass grade. Note the Year 12 certificate is considered equal to a AS qualification with the Year 13 Extended Certificate matching a full A-level qualification.

## Who is it for?

What do I need to start Applied Science AS level course?

- Enthusiasm
- At least 5 GCSE's grade 4 or higher, including English Language and Mathematics at a Grade 5.
- Grade 5-5 or higher in Trilogy Science GCSE (Combined)
- Grade 5 or higher in all separate GCSE science courses

## Progression

Applied Science Certificate and Extended Certificate are becoming well-respected qualifications for Universities and employers, because of the technical skills used and level of competency required to complete the course. This course will provide a broad and deep level of knowledge and skills development that is transferrable in almost all career choices and offering a significant edge over alternative A-levels.

Applied Science is usually required for University courses and careers in; Any technical Engineering discipline, Electronics, Telecommunications, Medical Sciences, optometry, ICT based subjects, Architecture, nursing, primary school teacher and any other subject with scientific or technical aptitude is required.

Applied science can be used to access courses such as Law, Mathematics, Computing, Environmental Science, Management, Business and even Art and Design.

