

# Applied Science AS Level

OCR (Advanced Subsidiary / 'A' Level (Advanced) Reference H175  
Head of Department: Mr Jonathan Newell

## A broad based vocational qualification

- provides technical knowledge, skills and understanding to equip students with the skills they will need in the workplace or in higher education or training
- provide you with the opportunity to develop skills, knowledge and understanding and apply these where science is used to enable you to appreciate and evaluate the social, economic & environmental impact that science work has on society.

## Three Units of work :

**UNIT 1 – Science at work**  
-a study of science in the work place

**UNIT 2 – Analysis at work**  
-a study of many practical techniques used in the work place

**UNIT 3 – Monitoring the Activity of the human body**  
-applied biological work including heart & circulation and breathing systems

## Assessment objectives

- 1) Demonstration of knowledge understanding  
Recognising & recalling facts, terminology, concepts and practical techniques.  
Selecting, organising and presenting clearly and logically, information provided or acquired through systematic research.
- 2) Application of skills.  
Describing, explaining, interpreting & evaluating information & the impact on society of the work of scientists including beneficial effects & the need for constraints.  
Carrying out relevant calculations.
- 3) Experimentation and investigation.  
Carry out safely and skilfully practical tasks, making and recording observations and measurements with appropriate precision, processing them and communicating this information clearly and logically in prose, tables and graphs.  
Plan carry out and evaluate investigative work.

# Applied Science AS Level

## How will you learn?

Detailed research and presentation

Independent study

Preparation of portfolio of assignments

Practical work

Dissections

## Where does the course lead?

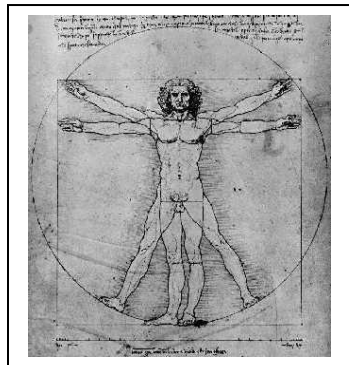
Applied science is an excellent course and subject to support and complement many areas of study.

It will provide a foundation for study of the subject or related subjects in further or higher education.

## Assessment and Exams

The course is assessed by a combination of exams and coursework.

Two units assessed internally by teacher assessed portfolio



## Entry Requirements

5C's or above at GCSE including at least CC in Double Science

You must be prepared to read, research and to write with care, clarity and accuracy.