

# Applied Science BTEC AAQ

A course for the curious, hardworking and vocationally minded. Great to take alongside A Levels.

## Course Content (5 units)

### UNIT 1 – Principals and applications of Biology

A unit that covers topics including cells, tissues, biochemistry and homeostasis

Assessed as a 1-hour exam in Y12. re-sits available in Y13

### UNIT 2 – Principals and applications of Chemistry

A unit that covers atoms, quantitative chemistry, trends and mechanisms

Assessed as a 1-hour exam in Y12. Re-sits available in Y13

### UNIT 3 – Principals and applications of physics

A unit that covers waves and forces.

Assessed as a 1-hour exam in Y12. Re-sits available in Y13

### UNIT 4 – Practical Scientific Procedures and Techniques

A practical unit focusing on titration, colorimetry, chromatography and other common practical work

Assessed as coursework.

### UNIT 6 - Contemporary Issues in Science

A unit that looks in detail at a science issue in depth. for example, global warming or food technology.

Assessed as coursework

## Entry Requirements

GCSE Science Grades 5/5

English Grade 5

Maths Grade 5

## How will I learn?

The exam based lessons will be a combination of practical work and theory lessons. You will be provided with workbooks to organise your note taking. You will also have access to all past papers and Power Points to allow independent study.

The coursework units will be written up on computer. You will be closely monitored to ensure that you keep up to date. There is weekly intervention if you are falling behind or need extra support

## Which awarding body is the course validated by? Pearson

## What qualification will I receive?

BTEC AAQ (1 a level equivalent)

The following subjects would be suitable to combine with this qualification: • Psychology • Sociology • Geography

What further learning will this qualification lead to? This qualification can lead to progression to the following degrees:

BSc (Hons) Applied Sport and Exercise Sciences

BSc (Hons) Nursing

BSc (Hons) Secondary Science Education