

# BTEC Works for Applied Science

With an estimated 5.8 million people employed in the Applied Science industry across the UK (that's 20% of the workforce\*), there's plenty of opportunity for a career in this sector.

Learning and applying scientific thinking creates critical thinkers and will drive the next generation of innovation and growth.

Principles and concepts combined with skills and real-life applications across a range of scientific disciplines – that's what BTECs in Applied Science are all about. You'll be assessed through practical, task-based and written assessments, which means it's about so much more than just remembering facts and formulae: with a BTEC you're drawing on your knowledge and understanding to apply what you know in realistic situations.

## What kind of career can I go into?

With a grounding in Applied Science, you could progress towards a range of fields like:

- Food Science
- Forensic Science
- Laboratory Assistant
- Health Science
- Industry Technician
- Medical Technician
- Pharmaceutical Industry

## Units at a glance

If you choose to study a BTEC in Science, you could study units such as\*\*:

### BTEC First in Applied Science

- Principles of Science
- Energy and Our Universe

### BTEC National in Applied Science

- Laboratory Techniques and their Application
- Investigative Project

### BTEC National in Applied Psychology

- Conducting Psychological Research
- Health Psychology

### BTEC National in Applied Human Biology

- Practical Microbiology and Infectious Diseases
- Human Biology and Health Issues

### BTEC National in Forensic & Criminal Investigation

- Applications of Criminology
- Criminal Investigation Procedures in Practice

### BTEC Higher Nationals in Applied Sciences

- Fundamentals of Laboratory Techniques
- Anatomy and Human Physiology

\* British Science Association, 2020 \*\* This is a selection of the full range of units. Some units are optional and vary depending which qualification size you pick.

## Jacob Cook

### Studied

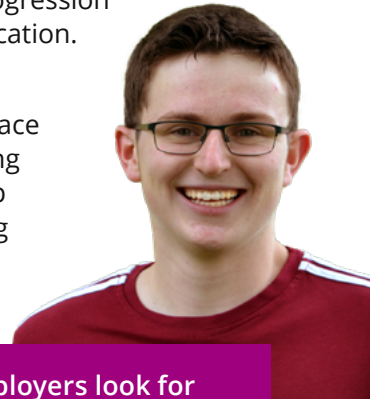
BTEC Level 3 Extended Certificate in Applied Science, Bristol Free School and Sixth Form.

### Course highlights

The mix of coursework and exams as well as the clear progression route into further education.

### Next Steps

Jacob has secured a place on a Transport Planning Degree Apprenticeship with a Civil Engineering firm.



## The top 5 skills employers look for that you'll learn on this BTEC course

-  Personal organisation
-  Time management
-  Quality of communication
-  Practical skills
-  Analytical skills