

# SCIENCE

## BTEC Level 3 extended certificate in applied science



**Examination Board:** Pearson  
**Subject Leader(s):** Mrs L Jones



### Course Structure

Unit	Topics/Unit Title	Assessment
3 x Mandatory		
1	Principles and applications of science	External (exam)
2	Practical scientific procedures and techniques	Internal (portfolio)
3	Science investigation skills	External (exam)
1 x Optional Unit		
4	Optional unit from: Physiology of human body systems, human regulation and reproduction, biological molecules and metabolic pathways, genetics and genetic engineering, diseases and infections, applications of inorganic chemistry, applications of organic chemistry, electrical circuits and their application, astronomy and space science	Internal (portfolio)

\*Assessment => 58% is based on external assessments (exams), 42% on internal assessments

### What does the course involve?

BTEC Applied Science students:

- have practical experience from real-world assignments
- take responsibility for their own learning
- develop interpersonal and practical thinking skills
- have a strong core base of knowledge
- have real experience of effective teamwork
- know how to work to a brief with set deadlines
- efficiently manage time to complete tasks and processes

### Further Study/Employment Prospects

BTEC Level 3 Applied Science is designed to meet the needs of employers and higher education.

62% of large companies have recruited employees with a BTEC qualification.

The number of students with a mix of A Levels and BTEC's accepted into UK higher education courses has grown from 4,692 in 2008 to 15,364 in 2013

4 out of 5 BTEC students now in employment consider their BTEC as an important step towards their desired job.

### Entry Requirements

2 grade 5s in science.