

BTEC Level 3 in Applied Science?

The BTEC L3 is a practical, work-related course. Students learn by completing work and assignments that are based on workplace scenarios e.g. testing the quality of river water for pollutants as an environmental scientist.

A range of skills and relevance of scientific principles are acquired and developed over the two-year program.

Qualification Structure

4 units of which 3 are mandatory and 1 are external. Mandatory content (83%). External assessment (58%). Learners must complete and achieve at pass grade or above for all these units.

Units	GLH	How assessed
Unit 1: Principles and Applications of Science I	90	External Written examination May/June set and marked by Pearson. 1.5 hours. 90 marks.
Unit 2: Practical Scientific Procedures and Techniques	90	Internal Learners will be introduced to quantitative laboratory techniques, calibration, chromatography, calorimetry and laboratory safety, which are relevant to the chemical and life science industries.
Unit 3: Science Investigation Skills	120	External A task set Dec/Jan and May/June and marked by Pearson and completed under supervised conditions. The supervised assessment is arranged over two sessions in a three-week period timetabled by Pearson. The supervised assessment sessions are 3 hours for Part A and 1.5 hours for Part B. Practical investigation and written submission. 60 marks.
Unit 9: Human Regulation and Reproduction	60	Internal This unit covers the principles of the interrelationship and nervous control of different systems, the homeostatic mechanism and the role of hormones in the regulation and control of the reproductive system.

What Qualification do I need to take the course?

Minimum of 5 GCSE at Grade 5 and above (or equivalent) including Merit in BTEC Applied Science or Grade 5 in Science, Biology, Chemistry or Physics.

Progression:

The BTEC applied science is an ideal qualification for those who want a broad background in Science. It will allow you to progress to further or higher education, training or employment. It is not regarded in the same light as Biology, Chemistry or Physics A levels but complements technological, nursing or teaching applications.

Unit Tutors are:

Mrs Oshilaja o.oshilaja@collingwood.surrey.sch.uk

Miss Newton a.newton@collingwood.surrey.sch.uk