

# BTEC Applied Science

## What is Applied Science?

This course brings together the knowledge and understanding of concepts with in science with the practical skills that are valued in further education and industry  
 Applied science develops the sills used in planning, carrying out investigations, analysing data, evaluating the results and method to make improvements. You will need to be able to write reports to address the assignment criteria and communicate clearly your work  
 You will also gain valuable research skills and the ability to manage your time effectively

## CURRICULUM

TERM	TERM 1-3	Term 3-6
YEAR 12	<b>UNIT 1</b> Principles and Applications of Science Modules on Physics, Chemistry and Biology Exam taken in May	<b>Unit 9</b> Physiology of Body Systems Coursework- 4 written assignments
YEAR 13	<b>UNIT 3</b> Science Investigation Skills Practical skills in Physics, Chemistry and Biology. Exam in Jan yr13	<b>UNIT 2</b> Practical Scientific Procedures and techniques. Coursework – 4 written assignments

## ASSESSMENT

2 external exams and 2 written coursework units.  Both exams MUST be passed to complete the course. Grades are awarded at Pass, Merit, Distinction and Distinction Plus	UNIT 1	UNIT 2	UNIT 3	UNIT 9
	3 written exams (40 mins each)  May yr12	4 written assignments	3 hour practical session followed by a written exam (90mins)	4 written assignments

## What to expect

You will need to spend about 3-4 hours per week on independent study. This will involve set homework tasks as well as reading assignments and consolidating your knowledge. Students will be expected to develop their investigative skills and to apply scientific concepts to practical experiments.

Deadlines for written assignments must be met at a minimum of a pass level  
 The external exams MUST be passed to complete the course., resits are allowed but only once

Entry requirements Grade 5 in English, Maths and Double Science.

Recommended reading- new scientist, broadsheet newspapers, scientific programmes