




## BTEC Applied Science

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| <b>Full course title and Exam Board</b>                    | Pearson BTEC National Applied Science Extended Certificate  | Specification QR<br> |
| <b>Teacher(s)</b>  | Ms H Brimble Ms H Brimble Dr R Frimpong Dr R Frimpong   |   |
| <b>Introduction</b>  | <p>The is intended as a qualification for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment, possibly in the applied science sector.</p> <p>It will provide you with the knowledge, understanding, technical and employability skills to help you find employment in the applied science sector or to give you entry to a wide range of university courses. Practical work will cover a variety of scientific and medical science techniques</p> <p>The requirements of the qualification will mean that learners develop the transferable and higher order skills that are valued by higher education providers and employers.</p> |   |
| <b>What is the course about?</b>                           | <p>This course is all about giving learners the skills and confidence needed to enter higher education or employment directly in the applied science sector.</p> <p>The course covers practical scientific skills and applications as well as investigative skills and specific subject knowledge on optional units such as Genetics, Physiology, Organic Chemistry and Electrical Circuits.</p>  |   |
| <b>How will I be assessed and what will I be studying?</b> | <p>The Pearson BTEC Level 3 National Extended Certificate in Applied Science is a 360 guided learning hour (GLH) qualification (taught over 2 years) which is equivalent to 1 A level.</p> <p>It consists of 4 units, of which 3 are mandatory and 2 are external.</p> <p>The mandatory content is 83% and the external assessment is 58%.</p> <p>The mandatory units are:</p> <ul style="list-style-type: none"><li>• Principles and Applications of Science</li><li>• Practical Scientific Procedures and Techniques</li></ul>  |   |
| <b>Current Text book and further Reading</b>               | <p>BTEC National Applied Science Student Book 1 ISBN 9781292134093</p> <p><a href="http://qualifications.pearson.com/en/qualifications/btec-nationals/applied-science-2016.html">http://qualifications.pearson.com/en/qualifications/btec-nationals/applied-science-2016.html</a></p>   |   |
| <b>Future Career Directions</b>                            | <p>This can lead to a science-related job or a degree course in biomedical sciences, microbiology, pharmacy work, medical sales, occupational therapy, physiotherapy, dietetics, dental studies, optometry, paramedics, radiology, research, clinical biochemistry and audiology.</p>   |   |
| <b>Subject Entry Requirements</b>                          | <p>Grade 5 in Additional Science plus 4 additional GCSEs graded 9-5</p>   |   |