

Applied Science BTEC Level 3 Extended certificate – Bridging work Y11-Y12

The jump from GCSE to BTEC Level 3 is a big step up, so it is vital that you have a key understanding of the topics covered at KS4.

Therefore, it is important you complete the below tasks before September.

- 1) Students currently studying at Park High School in Year 11 should complete ALL the GCSE Biology, Chemistry and Physics Kerboodle checkpoint tasks which have been set online during the school closure period. These need to be completed by the **19th of August 2020**. Students are expected to score at least 70% in each task. This will be taken into consideration for the enrolment process on to the BTEC course. If you have any queries, please contact Miss Selva via email at rselvarajah.310@parkhighstanmore.org.uk. Please ensure that you continue to review all GCSE content so that you have a solid foundation to starting KS5.
- 2) Purchase the Pearson BTEC National Applied Science textbook (Student book 1)
ISBN: 9781292134093
- 3) Purchase a lab coat
- 4) The first topics you will be covering on the course will be Unit 1 (Principles and Applications of Science) Chemistry and Physics – please use the internet, GCSE revision guides or old class notes to read over the following topics in advance to the lessons:
 - Ionic, covalent and metallic bonding (Chemistry)
 - Moles and calculations involving moles (Chemistry)
 - Waves (Physics)
 - Electromagnetic spectrum (Physics)

On the above topics please complete some pre-reading on the topics and complete a set of notes that you will be ready to show to your teacher in September.

In your first lesson please ensure you have all of the above with you.