

BTEC Applied Science Level 2 Curriculum Guide

Year 11

What will my son learn?		
Autumn term <ul style="list-style-type: none">• Physics<ul style="list-style-type: none">- Atomic structure and nuclear physics- Energy, electricity and their applications- Space Physics	Spring Term <ul style="list-style-type: none">• Biology<ul style="list-style-type: none">- Interdependence and classification of organisms- Environmental Biology- Health Biology	Summer Term <ul style="list-style-type: none">• Chemistry<ul style="list-style-type: none">- The Periodic table and bonding- Material Chemistry- Rates of reaction- Environmental Chemistry

How will my son be assessed?

- 3 coursework portfolio elements and one examination element
 - Chemistry portfolio – 25%
 - Biology portfolio – 25%
 - Physics portfolio – 25%
 - Principles of applied science examination (1 hour) – 25%

The principles of science examination assesses student learning in all three strands and focuses upon content assessed as part of the individual portfolios of the three sciences. A small proportion of the assessment (~20%) assesses the ability of students to analyse and interpret information. The remaining 80% assesses recall and application of knowledge and understanding.

How can I support my son with BTEC principles of Applied Science?

- Attendance to all lessons is compulsory
- Students should be encouraged to do independent reading outside of the classwork and work on aspects of their portfolio study at home to complement their time in lesson
- Ensure he is up-to-date with assignments and is meeting all deadlines set by the school
- The BTEC level 2 principles of applied science websites and a variety of course specific books are available to support the specifications

