

## Examination Details

Edexcel

## Assessment Details

75% continuous assessment  
2 externally examined units

1 tier of entry, awarded Pass, Merit or Distinction (with GCSE equivalence)

## Course Information

The 2 units studied

- Principles of Applied Science Award (120 GLH) – Year 10
- Application of Science Award (120 GLH) – Year 11

The Principles of Applied Science Award delivers the Key Stage 4 Programme of Study by covering the key scientific principles vital for both scientists and citizens of the future. It develops and exemplifies these principles in applied and vocational contexts, leading to an understanding of how the principles are applied in practice.

The Application of Science Award is suitable for students who have covered the Key Stage 4 Programme of Study. It develops students' understanding of key applications of science, and builds the skills required both for the scientific workplace and for further study.

Award: Principles of Applied Science	Award: Application of Science
120 GLH (Equivalent to one GCSE)	120 GLH (Equivalent to one GCSE)
<b>Unit 1: Principles of Science *</b>	Unit 5: Application of Chemical Substances
Unit 2: Chemistry and our Earth	Unit 6: Application of Physical Science
Unit 3: Energy and our Universe	Unit 7: Health Applications of Life Science
Unit 4: Biology and our Environment	<b>Unit 8: Scientific Skills *</b>
* Unit is externally assessed	* Unit is externally assessed
30 GLH per unit	30 GLH per unit

**“The only way of finding the limits of the possible is by going beyond them into the impossible.”**

1	Make sure you listen carefully to the advice for writing up the assignments and look at the web page on the intranet.
2	Attend the revision lectures in Year 10 and 11 on important topics.
3	Read the questions carefully in the examination.
4	Check the number of marks for each question in the examination – each mark means you have to write one thing.
5	“Explain” means write a reason for your answer.
6	Get used to using the periodic table – you will be given one in the examination and you need to be familiar with it.
7	Attend the Science Homework Clubs at lunchtimes – one for each subject. Drop in with questions and problems – they will be solved.
8	Be familiar with Science related issues in the news, be informed and be prepared to be critical. Learn to use evidence and form arguments.
9	Be an intelligent reviser! Make sure everything on the syllabus is covered. Understand your optimum learning style so you can revise effectively.
10	Be present at every lesson – falling behind with assignments means you may not pass the BTEC.

## Useful websites:

<http://www.pearsonschoolsandfecolleges.co.uk/Secondary/Science/BTECAppliedScience/BTECFirstsinAppliedSciencefrom2012/BTECFirstsinAppliedSciencefrom2012.aspx>