

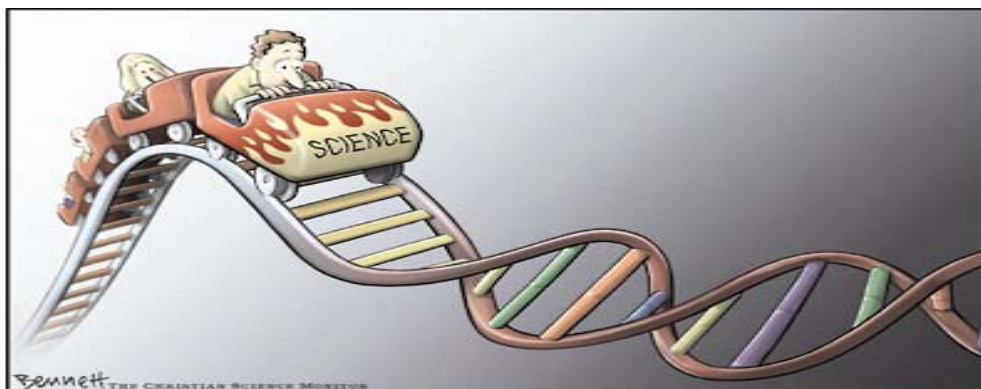


Explore The Possibilities

The science programme of study reflects recent exciting changes in science education. The rationale behind the design of the new programme is to meet the diverse aims and ambitions of today's students – those who simply want to understand the world around them, as well as those who want to progress onto further, in-depth study. It is our aim to ensure that all students have the opportunity to experience enjoyment, challenge and support in science lessons.

The Science Department offers the following options at Key Stage 4.

- 1. GCSE Modular Double Award Science**
- 2. GCSE Biology**
- 3. Edexcel BTEC Level 2 Certificate**



Option 1- DOUBLE AWARD SCIENCE [Modular]



Double Award Science provides entry into a variety of high level careers.

This course is only open to those who achieve a **Level 6** at **Key Stage 3**

Students following this course may achieve two identical grades at GCSE level.

Any student wishing to take an A level in a pure Science course [*i.e. Biology, Chemistry or Physics*] in the future must have Double Award Science at GCSE. Double Award

Science is a great foundation for our **Post 16 Applied Science Course**.

Marks are allocated as follows:

End-of -Module Tests	25%
Coursework	25%
Terminal Examinations	50%



Students are entered in the terminal examination at either

Foundation Tier with a maximum grade of C – C or Higher Tier which allows them to achieve a maximum grade of A* - A.

Option 2 – BIOLOGY

Biology at GCSE will be offered to those who obtain a minimum **Level 5** and preferably **Level 6** at Key Stage 3. GCSE Biology is valuable for those students seeking a career in the Caring Services. It is also useful for students considering Health and Social Care or P.E. in Sixth Form. A GCSE Science qualification is a pre-requisite for those students considering primary school teaching training.

Marks are allocated as follows:

Coursework	25%
Terminal Examination	75%

Students are entered in the terminal examination at either

Foundation Tier, with a maximum grade of C, or Higher Tier, which allows them to achieve a maximum grade of A*





BTEC FIRST FOR SCIENCE



Option 3 – Edexcel BTEC Level 2 Certificate

We will provide the option of a BTEC course. This course is open to students who achieve **Level 4, Level 5 or Level 6** at Key Stage 3. If you take this option you will complete a portfolio of work throughout your time at KS4 which is continually assessed and provides 100% of the assessment for this pathway.

THERE ARE NO EXAMS.

The portfolio covers aspects of Biology, Physics and Chemistry. You will be awarded a Pass, Merit or Distinction based on the standard of your portfolio, which will be internally assessed by school staff then externally verified by an Edexcel appointed examiner.

In a BTEC course a **pass** is equivalent to grade C, a **merit** is equivalent to grade B and a **distinction** is equivalent to grade A.

As **OPTION 3**, we offer the **Edexcel BTEC Level 2 Certificate** which is covered in 5 periods a week and is broadly equivalent to one GCSE.

