

## GCSE

### Combined Science-Trilogy (double award)

## The Brunts Academy

#### **Key Features of the Course:**

GCSE specifications in combined science award should enable students to:

- Develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics.
- Develop understanding of the nature, processes and methods of science, through different types of scientific enquiries that help them to answer scientific questions about the world around them.
- Develop and learn to apply observational, practical, modelling, enquiry and problem solving skills, both in the laboratory, in the field and in other learning environments.
- Develop their ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively.

#### **What type of student is this suitable for?**

The majority of students study the AQA combined Science (trilogy) GCSE Course. This qualification gives students 2 GCSE Grades and has been selected to allow students to study aspects of Biology, Chemistry and Physics throughout each year in the Key Stage. These qualifications also ensure that those students who wish to can make the transition from GCSE to Post-16 courses very easily.

#### **What could this course lead on to?**

Depending on the grade achieved it may then be possible to gain entry onto the Science A levels Biology, Chemistry and Physics Post -16. If you are more suited to a vocational course involving a more course work based approach, you could enrol on the L3 BTEC course, which is suitable for those wanting a stepping stone to further science course. The skills and knowledge that you have gained doing GCSE Sciences also allow you to do other A level courses and vocational courses. For those students who want to work in one of the main professions, for example, law, medical science, nursing, teaching, accountancy and engineering etc.

#### **What will you study and how will you be assessed**

An assessment is taken at the end of the two year course. This means there are 6 exams (2, biology, 2 chemistry and 2 physics) at the end of Year 11. Each exam is 1 hour and 15 minutes long and is worth 16.7% of the 2 total grades. Grading will follow the new guidelines of 1-9 and students will gain 2 GCSE grades in science (based on 17 point grading system from 1,1 up to 9,9). The exams will all be a combination of multiple choice, structured, closed short answer, and open response questions. Some of the questions will link to key practical tasks covered in lessons and numeracy skills

**Course Details:** GCSE Combined Science: Trilogy (8464) (9-1 GCSE)

**Website:** <https://www.aqa.org.uk/subjects/science/gcse/combine-science-trilogy-8464>

**Course Contact:** Mr C. Epie Nanje and Miss S. Dickinson