



THE SCIENCE DEPARTMENT

Information for Candidates

1. Introduction:

Chestnut Grove's Science Department is a rapidly improving department which has been on a journey of significant improvement over the past 10 years. It is staffed by a group of young, enthusiastic Scientists who work very well together and have built a forward-looking, high performing department.

2. Staffing:

The Department consists of:

- Head of Science
- 2 i.c. - with responsibility for year 9 & 10
- i.c – with responsibility for year 7 & 8
- i.c. - with responsibility for KS5
- 4 main scale Science teachers
- 1 Senior Technician and 1 Technician (vacancy)

All staff teach general Science at Key Stage 3 & GCSE combined Science, but specialise in their own discipline at GCSE Triple Science, A level and level 3 Applied Science.

3. Accommodation

- We have brand new laboratories and prep room.
- The department has an office area equipped with computers for staff, the prep room also has a computer for each technician

4. Curriculum and student performance

a) Key Stage 3:

Key Stage 3 Science is well embedded as a 2 year condensed course. There is a particular focus on practical work on which our students thrive and enjoy.

In Year 9, all students begin the core units of the GCSE specification, enabling more flexible progression onto the most suitable KS4 courses in Year 10.

b) Key Stage 4:

Students are guided, according to their ability and aptitude for Science into one of the following pathways:

- GCSE Triple Science;
- GCSE Combined Science;
- GCSE Combined Science alongside the Entry level certificate

2019 GCSE Examination results (4-9):

- Physics: 100%
- Chemistry: 100%
- Biology: 100%
- Combined Science: 62%

c) Key Stage 5:

The department offers A level Biology, Physics and Chemistry and level 3 Applied Science, a vocational qualification with a strong practical element.

All four courses are popular and successful, with the A levels attracting some of our most able students, the number of which is increasing year on year, as some very able year groups reach the Sixth Form. For this reason, Science courses are a popular choice at Higher Education.

Key Stage 5 results (A*-B/A*-E):

Chemistry: 67%/100%

Biology: 63%/100%

Physics: 80%/100%

Applied Science: 29%/100%