



Delivery of Science Curriculum Camden School for Girls

The Science department delivers integrated Science courses to all students in Years 7 to 9. All of Years 10 and 11 take qualifications from the AQA GCSE Sciences specification. Biology, Chemistry, Physics and Psychology A Levels are offered in the Sixth Form.

Our facilities include 8 laboratories. Each laboratory is equipped with an interactive whiteboard. The department has laptop computers and data logging equipment available for use throughout Years 7 to 13. Four labs have some networked computers available for student use and the school has three fully equipped computer rooms which are often available for booking.

The schemes of work contain suggestions for a range of activities in each part of the topic, together with possible homework activities. Teaching is innovative and exciting, and teachers choose the most appropriate activities and resources for their classes and are encouraged to contribute ideas to our shared resource area.

Students in Years 7 to 9 have five 40 minute lessons per week, usually arranged as 2 + 2 + 1. Year 7s are taught in mixed ability tutor groups (28 students) and Years 8 and 9 are taught in ability bands – at the moment as three higher groups working towards the 5-7 level and two foundation groups working towards the 3-6 level.

The school has just reviewed the key stage 4 offer in all subjects, and obviously external exams are changing in the near future. From September 2015, in Year 10 we will have one group studying AQA triple science. Four groups (two higher and two foundation) will study GCSE Science and GCSE Additional Science over the two years. These groups will all have three specialist science teachers.

They complete controlled assessment tasks in lessons over the two year course, and take exams at the end of year 11. All students are provided with appropriate revision guides, and use other textbooks such as Exploring Science for Key Stage 3 and Oxford AQA GCSE books during lessons.

Biology, Chemistry, Physics, and Psychology A Level are allocated 7 lessons per week and this is split between two teachers. Students in A Level classes come from Camden and other schools and are accepted if they fulfil the general admission requirements for A Level study at Camden School for Girls and the specific requirements for individual A Level Science subjects. Our Science A Level classes are popular and oversubscribed. In 2014-2015 we have 3 Biology, 3 Chemistry, 2 Psychology and 2 Physics classes in the AS year.

The specifications taught are Edexcel AS/A2 Biology, AQA AS/A2 Chemistry, AQA AS/A2 Physics and OCR AS/A2 Psychology.

A team of three science technicians prepare apparatus for use in lessons.

Trips (for example Year 7 go to London Zoo) complement classroom studies. Students at Key Stage 4 and 5 are encouraged to attend a number of one day lectures. We are a member of the Chrysalis Partnership. This offers enrichment activities for STEM subjects.



Delivery of Science Curriculum Camden School for Girls

We aim to give all students a wide range of opportunities to further their interests in science and seek to achieve this through a variety of activities, such as Science Club, cross-curricular activities and demonstrations by outside visitors.

Science Departmental Staff: (September 2015)

Lynda Charlesworth (HOD)

Katherine Totten (Deputy HOD)

Emma Perry (HOY)

Janice Joseph (TLR)

Mei Alvarado (TLR)

Alom Shaha (pt)

Ronan McDonald (pt)

Melanie O'Brien (pt)

Christian Almaraz (pt)

Simon Flynn

Marjorie Coulon (pt)

Maryam Marmar

Fern Langran-Goldsmith

Agnes Szervanszky-Marriott (Chief technician)

Ruth Araia (technician)

Zef Lleshi (technician)