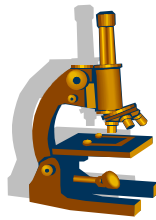


# SHIRLEY HIGH SCHOOL PERFORMING ARTS COLLEGE

## SCIENCE / PSYCHOLOGY DEPARTMENT



### Introduction

The Science department is one of the most successful in the school achieving 60% A\*-C in Core GCSE Science, 53% in Additional science and 86% in Further Science in 2016, an achievement which was recognised in the recent school Ofsted report - "*Notably strong performance in all science qualifications*" - Ofsted 2016. A level Psychology achieved an ALPS Red 1 in 2016 and was in the top 10% of schools / colleges for value added performance. Psychology achieved 100% A\* - D, 85% A\* - C grades in A Level in 2016.

We have six fully equipped laboratories and other teaching rooms. Each laboratory has an IWB and suitable electronic resources. The department has a team of eight dedicated teaching staff and two technicians.

Science teachers teach a range of Science classes throughout the school from KS3-5, as well as this, Psychology is taught at KS5 by a member(s) of the Science department. The department is well resourced in terms of equipment, text books and worksheets. There are two preparation rooms and an office, with two full-time technicians to serve the needs of the teaching staff. The ethos of the department is a belief in 'hands on science' and all students are encouraged to engage in regular practical work and enjoy Science.

### KS3 Curriculum

The KS3 Science curriculum is taught in Years 7-8 with a phased start to GCSE Science. At KS3 all students are expected to purchase a revision book and a workbook. All homework is set from the student workbook. We have also developed an extended writing booklet which is used to promote literacy and extended writing skills. Students are regularly assessed at various points, both for their knowledge and for their extended writing skills. Based on these assessments students are set according to ability. There are 7 classes of Year 7 and 8, taught across two bands.

### KS4 Curriculum

The Science department follows the AQA GCSE Science specification and the AQA Science (9-1) Trilogy and separate sciences.

Students in Year 9 are currently studying either the Combined Trilogy course or the Separate sciences and will be taking their examination in May/June 2019.

Two sets in Year 10 are studying for the separate sciences course whilst the remaining five sets are all studying for the combined trilogy (9-1) course.

Students in Year 11 set 1 are following the triple science course. They have completed the Chemistry and Biology course and will be completing the Physics course this year and will be taking the examination in May/June 2017. Students in Year 11 sets 2-7 will be completing the additional science course and will be taking the exam in June 2017.

### KS5 Curriculum

The department offers the highly popular AQA A2 Applied Science A level course; the Edexcel A level Biology run by Salters Nuffield Biology Group (SNAB); the AQA Applied general science which replaced the Applied Science course; A level Chemistry; and AQA A level Psychology

Any further information please contact the Head of Science - Mrs P Ike - [ike@shirley.croydon.sch.uk](mailto:ike@shirley.croydon.sch.uk)