

Westcliff High School for Girls

Science Department

Westcliff High School for Girls is very fortunate in that we have a superb teaching environment and a highly motivated and successful science team, which includes four excellent technicians. Detailed schemes of work are in place for all years, which are constantly reviewed. The schemes of work, together with lively and imaginative teaching, have resulted in excellent results at all ages compared to similar schools.

At GCSE all students study separate sciences and we follow the AQA specifications. The obvious enthusiasm of our pupils directly translates into the very large uptake of A Level sciences. We are currently running 8 A Level Biology groups, 8 Chemistry and 4 Physics. At A Level we follow the OCR A specifications for Biology and Chemistry and the AQA specification for Physics.

We are very fortunate in that we not only have large numbers of able, motivated scientists to teach, but that we work in a purpose-built science block with eleven laboratories, four preparation areas and a staffroom with working areas. The design of the laboratories is flexible, so that different arrangements of groups are possible within the classroom, facilitating a large range of teaching and learning strategies. We are excellently resourced and have more than adequate supplies of basic and sophisticated equipment.

Full support with induction and mentoring is provided to help new or inexperienced teachers settle in quickly, and we work in a mutually supportive way, sharing ideas to improve our teaching.

Science Department Staff

Mr L Ashmore	Science and Physics
Mr A Bishop	Science and Subject Leader for Physics
Dr A Bowman	Head of Science and Subject Leader for Chemistry
Mrs D Chan	Science and Chemistry
Mr N Denton	Science and Physics
Dr M Lillington	Science and Chemistry, KS3 Coordinator
Mrs C O'Brien	Deputy Headteacher, Biology
Miss M Sathanandan	Science and Biology
Mrs L Tidbury	Science and Biology
Miss D Vaughan	Science and Chemistry
Miss V Wadley-Smith	Science and Subject Leader for Biology
Mrs R Welsh	Science and Biology
Mr N Banks	Senior Technician
Mr S Blythe	Technician
Mrs J Taylor	Technician
Mrs M Walker	Technician

February 2024