

# 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 truly outstanding results at all ages compared to similar schools.

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 sets, 8 Chemistry and 4 Physics.

We are very fortunate in that we not only have large numbers of able scientists to teach, but that we work in a purpose built science block with ten laboratories, four preparation areas, a staffroom, a dark room and a conservatory. Each teacher has their own study area. The design of the laboratories is flexible, so that any arrangement of groups is 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. Consequently, we have a very well motivated staff, who socialise regularly.

We have an extensive programme of induction and mentoring to help new or inexperienced teachers settle in quickly, and we work in a mutually supportive way, sharing ideas to improve our teaching.

### Present Structure of the Science Department

Mrs C Cobb	Head of Science, KS4 Coordinator
Ms N Williams	Subject Leader for Biology
Dr A Bowman	Subject Leader for Chemistry
Mr J Bartlett	Subject Leader for Physics
Dr P Hayman	Headteacher, Chemistry
Mrs C Larkin	Science and Biology
Mrs H Pitt	Science and Biology, Year 10 Learning Manager
Miss A Overton Smith	Science and Biology, Year 9 Learning Manager
Mr L Ashmore	Science and Physics
Mr L Taylor	Science and Physics
Miss J Unwin	Science and Chemistry
Miss D Vaughan	Science and Chemistry
Dr M Lillington	Science and Chemistry, KS3 Coordinator
Mrs P Cocks	Senior Technician
Mrs M Walker	
Mrs J Thomas,	
Mrs P Jefferson	
and Mr N Banks:	Technicians

**Oct 2017**