

# 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 most of our 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 specification for Biology and the AQA specifications for Chemistry and 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

Miss B Akanni	Science and Chemistry
Mr L Ashmore	Science and Physics
Mr A Bishop	Head of Physics
Dr A Bowman	Head of Science
Mr N Denton	Science and Physics
Dr M Lillington	Head of Chemistry
Mrs H Moore	Science and Chemistry
Mrs M Palmer	Science and Biology
Mrs L Panter	Head of Biology
Mrs A Read	Science and Biology
Ms H Saber	Science and Biology
Mrs L Tidbury	Science and Biology
Mrs R Welsh	Science and Biology
Mr N Banks	Senior Technician
Mr S Blythe	Technician
Mrs J Taylor	Technician
Mrs M Walker	Technician

**October 2025**