



Cardinal Langley RC High School

Science Faculty

Science is a particularly successful faculty here at Cardinal Langley and a professional and supportive team awaits the appointed candidate. Newly-qualified and experienced teachers alike will be offered the opportunity and the support to develop both as a teacher and a scientist. You will be teaching Science lessons that are active and engaging, helping students across all abilities to reach their full potential at GCSE and A-level.

Our students have access to a wealth of learning opportunities, outside the classroom as well as in. Our schemes of work and curriculum guidelines encourage staff to develop lessons that are exciting and relevant to real-world science in order to inspire student interest in the subjects and the careers that are open to them. Student voice and initiative are encouraged; we are currently working with sixth form students to develop a green screen film about their practical fieldwork, for example.

When you join our team, you will be encouraged and supported to develop your own repertoire and style. Part of our strategy lies in an efficient electronic monitoring and tracking system which will show clearly how each student is progressing and empower you to praise and challenge to help them to fulfill their potential.

Our current Science accommodation is in six laboratories and one Science studio. Under the Building Schools for the Future programme, all our rooms were either refurbished or completely re-modelled and all have IWB facilities as well as further IT based equipment to enrich practical and research Science. We also have an ICT studio dedicated to the department.

Our rich practical work is supported by two skilled and knowledgeable full-time technicians.

Key Stage 3

- Year 7 - mixed-ability classes (forms): We use the AQA scheme of work alongside Departmental Schemes that have been written/differentiated by staff. We also use Doodle to support learning and assessment.
- Year 8 - mixed-ability classes (forms): We use the AQA scheme of work alongside Departmental schemes that have been written by staff. We also use Doodle to support learning and assessment.

Key Stage 4

- Year 9, 10 & 11 - GCSE Science: We currently follow the AQA schemes of work (Trilogy & Separates).

Key Stage 5

In the Sixth Form, the three sciences are an increasingly popular and successful option. We use the AQA suite of GCE examinations for Biology, Chemistry and Physics A. We currently also offer a Level 3 Applied Science course (AQA).

