

SHIRE OAK ACADEMY

Science Department

Required for September 2018

Teacher of Science

Shire Oak was originally designated as a Specialist Science College in 2003 and was successfully re-designated in 2008. We are looking to appoint an enthusiastic and innovative practitioner to further strengthen the science team.

Science is taught in sets where pupils of similar ability can be stimulated and motivated to achieve their full potential. In years 9 to 11 pupils study biology, physics, chemistry and trilogy science, taught by a team of teachers with appropriate specialist knowledge and qualifications. In year 8 pupils study biology, physics, chemistry taught by subject specialists. In year 7 pupils study "science" and stay with the same teacher throughout the year.

In Key Stage 3 the department uses a scheme of work and assessment system designed by our team of experienced scientists. In Key Stage 4 a variety of texts and revision guides are employed. Most KS4 students are entered for AQA Science. About 90 keen scientists take 3 individual sciences at GCSE by choosing science in one of their option blocks.

Our post-16 students currently study GCE (OCR) Biology, Chemistry, Physics and AQA Level 3 Applied Science.

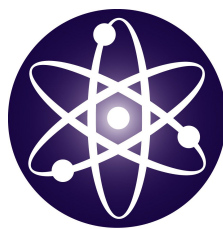
Our accommodation is exceptional, comprising a science suite of ten laboratories, all have been recently refurbished to a high standard. All of the laboratories have interactive whiteboards and visualisers which are networked with internet access. The department has 60 chromebooks which are a bookable resource for the department.

The department received generous capitation in addition to the resources made available through Science College status. It is well stocked with all the apparatus and equipment – much of it new – required to teach science to the highest level and our teaching staff can rely on technical help of a very high standard from four experienced technicians.

The staffing structure of the department comprises Director of Learning for Science, Subject Leaders for Biology, Chemistry and Physics. One of these teachers also acts as Assistant Director of Learning and KS4 leader; there is also a KS3 leader, a Science Data Manager and a Primary Partnership Manager.

We have developed an outstanding relationship with our partner primary schools and a wide variety of initiatives have been successfully introduced. These include weekly timetabled year 5 and year 6 visits, year 5 science clubs, production of resources, CPD, parents' evenings and, for prize winners, attendance at our Awards Ceremony.

The Science Department is a successful one having raised achievement year on year. Realising this position has required a strong degree of teamwork and a firm belief that pupils can only achieve their best in an orderly but relaxed and attractive working environment. Whoever is appointed will be required to uphold these standards and in return can expect to receive the highest level of support from their departmental colleagues.



SHIRE OAK SCHOOL

Science Department

Person Specification Teacher of Science

Essential

- Good degree qualification in a science related subject
- Ability to teach physics or biology to GCSE level
- Good understanding of contemporary educational issues
- Ability to establish professional relationships with teaching and support staff
- Commitment to engage in effective, sustained and relevant professional development
- Good ICT knowledge including using ICT in teaching and learning
- A willingness to engage in extracurricular activities including revision classes and science club.