

## Teacher of Science

### **The Science Department**

The Science department consists of a strong team of twelve specialist teachers and two technicians, who together provide Science education through a variety of experiences. It is a dynamic department that is fully committed to curriculum innovation so as to ensure that all students achieve their individual potential. The department is ambitious and progressive and the Science team are working together towards clear and shared aims and goals. The Science department moved into a superb new-build Science Block in the summer of 2009 which were further improved with a third floor in March 2013 providing in total nine laboratories, an ICT suite and ICT facilities in classrooms, 6<sup>th</sup> Form teaching and self-study areas and a Science staffroom.

All members of the department have an important role to fill and have definite areas of delegated responsibility. The structure of the department reflects this team approach in that there is a lead practitioner responsible for teaching and learning, a pupil progress co-ordinator responsible for PPI and G&T, a primary liaison co-ordinator and a STEM co-ordinator.

The success of the department is reflected in the sustained achievement of our students at both Key Stage 3 (87% level 5+) and GCSE (72% grade CC +) 100% A\*/C 32% A\*/A Biology 100% A\*/C 24% A\*/A Chemistry 84% A\*/C 16% A\*/A Physics. Morale in the department is high and the teachers and technicians are highly motivated.

At GCSE we deliver the O.C.R. 21<sup>st</sup> Century including Core and Separate Sciences running for Year 10 and 11 with AQA Additional being taught to year 10. Students in year 9 are studying either AQA Separate Sciences or AQA Trilogy and in Key stage 3 students follow Activate 1 and 2.

At Advanced level (AS and A2) we deliver AQA courses in Chemistry, Physics and Biology, we also run OCR Applied Science and next year we are introducing BTEC Level 3 Applied Science

### **Person Specification**

The successful candidate will:

- Demonstrate the energy and commitment needed for teaching Science to all pupils, so that a feeling of curiosity and enthusiasm for the subject can be generated.
- Be able to teach across the Sciences to Key Stage 4.
- Be able to maintain order and discipline in the laboratory, commensurate with a safe and effective teaching environment.
- Assess pupils' work in order to provide effective feedback to pupils and parents.
- Use data to inform planning.
- Plan TEEP lessons for the needs of the students in your class
- Implement effective in class intervention strategies to stretch MAL and support any underachievement.
- Maintain proper teaching records for departmental and whole school use.
- Create a positive climate for learning

Within the pastoral context of the school, the successful candidate will be required to carry out the role of group tutor, with positive commitment to the school's mission statement.