**The Science Department, West Lakes Academy**

**The Team**

West Lakes Academy was inspected in March 2017 and judged to be outstanding in all aspects. A key strength of this report was *"Pupils currently in the school are making rapid and sustained progress across all subject areas. Outcomes in sciences...are particularly impressive."*

We are looking for someone who can improve on that already outstanding performance.

The Science Department are a highly skilled, enthusiastic, and experienced team, whose primary focus is to engage and motivate all students so they not only achieve their full potential in the subject, but they also appreciate the impact science has had and will have on their lives inside and outside of the Academy.  We are a dynamic group of teachers who are brilliantly supported by an outstanding team of technicians; this relationship enables us to deliver Science as a practical subject wherever and whenever possible.

The department structure currently includes the following promoted posts:

* Head of Science
* Second in Department
* Head of Chemistry, Physics and Biology
* Applied Science and KS3 coordinator

You will need to be a committed individual with a passion for science who is able to work both independently and as part of a team, providing a cohesive and focussed identity to the Science department. You will need to have experience of delivering across the key stages and a capacity to deliver regular high quality lessons through to A Level within your discipline.

**The Curriculum**

**KS3**

Currently all students in Year 7 and 8 receive 5 lessons of Science per week. They follow an innovative scheme of work developed by our department to build the foundations of scientific understanding needed for successful progression to key stage 4.

**KS4**

Students in Year 9-11 receive 6 lessons of science per week and follow either a separate science qualification where they study Physics, Chemistry and Biology (AQA) or Combined Science (AQA trilogy). Students are able to spend additional time studying science during intervention sessions during tutor periods and at well attended after school revision classes.

**KS5**

We offer Physics, Chemistry and Biology at A-Level and all classes are dual taught. We also offer a BTEC Level 3 National Certificate in Applied Science. All four courses are popular choices at A level.

In 2019, our GCSE results were excellent, with a 100% pass rate at triple Science (with over 80% being at 9-5 and 30% at 9-7), and a 100% pass rate (with over 70% at 9-4) for Combined Science. At A Level, our separate disciplines achieved a 100% pass rate with over half of the grades at A\* to B, whilst our BTEC Applied Science achieved a 100% pass rate  and had over ¾ of all grades awarded at Merit, Distinction or Distinction\*

**Community links and Enrichment**

We have significant links to the two largest local employers, Sellafield Ltd and the Nuclear Decommissioning Authority (NDA), our commercial sponsors. Our new building is a focal point for the local community of Egremont and we have a great opportunity to further develop our specialism and curriculum to better meet the needs of our students and the community we serve over the coming months.