



Teacher of Science with STEM Coordinator TLR 2A

Post:	Teacher of Science including STEM Coordinator TLR 2A
Type of Contract:	Full time, Permanent
Salary/Scale:	MPS/UPS
Start Date:	1st September 2019
Closing Date for Applications:	9am Friday 25th January 2019
Interview Date:	Week commencing 28th January 2019

Burnside's Science department consists of 11 full-time teaching staff, and two science technicians. Within this large department there are 12 fully functioning science labs each equipped with a desktop computer and an interactive whiteboard; providing students with an ideal practical and interactive learning environment in which they can flourish.

The Curriculum

At Key Stage 3 and 4 it is expected that all members of the Science team are able to teach across all three fundamental areas of Science: Biology, Chemistry and Physics. We currently follow AQA Combined and Triple Science at GCSE and at Key Stage 5 we offer students AQA Biology, Chemistry, Physics and Psychology.

Teaching groups at Key Stage 3 are mixed ability whereas at Key Stage 4 our classes are streamed with the exception being our GCSE Triple Science classes. At Key Stage 5 and within our Triple Science groups we have subject specialists delivering lessons. The department is highly regarded within the authority for outstanding results at Key Stage 5 and we are very proud of our uptake from GCSE to A level, this is something we look to continue to build upon in future.

Science is a very popular career choice and many of our previous students have gone on to study Science on both vocational courses such as Nursing and Midwifery, as well as those opting for a more academic science route such as Medicine, Chemical and Mechanical Engineering, Physics, Biology and Biochemistry with increasing numbers of students applying for and starting academic courses at top UK universities.

The Teaching Post

The successful candidate will be responsible for the planning and delivery of lessons across Key Stages 3 and 4. They will be required to assess the work of their students and provide constructive, individual feedback on a weekly basis.

The Science department places a strong emphasis on the development of effective teaching, learning and assessment strategies. Through ongoing weekly CPD, the Science team are focussed upon ensuring that differentiation is used to provide a suitable level of challenge for all students and that effective Assessment for Learning is used to support student progress. There is also a teaching philosophy amongst staff that science lessons should be focussed on developing student curiosities and building upon

these to provide a contextualised learning experience for all students. The successful candidate will be enthusiastic, highly motivated and a creative practitioner who is committed to supporting the achievement and progress of all students.

STEM Coordinator

As STEM Coordinator the successful applicant will be responsible for raising the profile of STEM across the college. In doing so they will liaise with relevant curriculum leaders to plan and deliver whole school cross curricular STEM initiatives. The STEM Coordinator is responsible for developing schemes of work and support materials to aid effective planning and progress for all STEM subject areas. To increase awareness of and develop interest in STEM the STEM Coordinator will provide information, advice and guidance as well as enrichment opportunities to students.

Your letter of application

Please use the information to outline your strengths and teaching philosophy. You should also say how you could contribute to the development of Science teaching at Burnside College.

The application pack can be found on our school website at:

<http://www.burnsidecollege.org.uk/vacancies/teacher-of-science-with-stem-coordinator-tlr/>