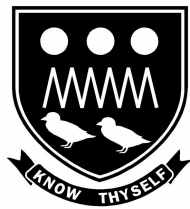


Teacher of Science
Harlington Upper School



March 2010

Teacher of Science - MPS

An enthusiastic teacher of science is required to join a highly successful and supportive faculty. Our Specialist Science College status brings significant benefits to students in all curriculum areas, and the science department is one of the leading departments in the school for AfL, curriculum development and teaching and learning. This post would suit either an NQT or experienced teacher.

The School

Harlington is a successful, oversubscribed, rural comprehensive school with over 1,300 students. The school has recently received a multi-million pound investment in new buildings including a science block of 12 laboratories. Multi-media IT facilities are available in all science laboratories.

In 2009 we had our best ever GCSE results when 82% of students gained five or more grades A* - C. Our CVA is 1017 which indicates the value we place on achievement at all levels. Recent successes include redesignation as a Specialist College and an invitation to become the Deep Support Hub for the eastern region. Our website www.harlington.org describes the many other innovative and exiting recent developments at Harlington Upper School.

We work closely with our feeder middle school partners and recently formed a Trust. The person appointed may therefore have the opportunity to contribute towards the teaching of science in years 7 and 8.

The Department

The Science department currently consists of:

Jackie Beedie	<i>Science/Vocational Co-ordinator</i>
Gwyn Detheridge	Science/Head of Biology
Jonathan Elmes	Science/ <i>House Leader</i>
Shawn Fell	Science/ <i>Headteacher</i>
John Jones	Science
Kathryn Juty	Science
Leighton Jones	Science
Cressida Lloyd	Science
Vanessa Lumley	Science/Science Faculty Leader
Jackie Morgan	Science/Head of Chemistry
Karen Richardson	Science/ <i>Deputy Headteacher</i>
Steve Sims	Science/Head of Physics/ <i>Work-related learning</i>
Mike Thomas	Science
Elaine Wheeler	Science
Hazel Wheeler	Science/Year 11 subject leader
Alison Yates	Science
Karina Bielskyte	Lab Technician
Sam Dolling	Lab Technician
Mary Foster	Senior Lab Technician

Standards of achievement are high with 85% of GCSE Science students gaining grades A* to C in 2009. This represents significant value-added performance by students. A level results are also pleasing as the results for the last few years indicate:

Year	GCSE		% A level passes		
	A-C %	A-G%	Biology	Chemistry	Physics
2009	85	100	100	91	100
2008	84	100	98	93	95
2007	83	100	97	95	100

Courses

The department currently offers:

- GCSE Core Science (OCR)
- GCSE Additional Science (OCR)
- Entry level Science
- A level Biology (OCR)
- A level Chemistry (OCR)
- A level Physics (OCR)
- GCSE Biology
- GCSE Chemistry
- GCSE Physics
- BTEC Chemistry L3
- BTEC Biology L3
- BTEC Applied Science L2

Extra Curricular Activities

Recently the Science department has been busy with extra curricular activities, these include:

- Year 9 students attended the *Tomorrow's World* exhibition at Birmingham's NEC
- The Applied Science group had a trip to the Isle of Wight
- The A level Physics group visited Geneva, to see the European particle accelerator at CERN
- Sixth Form Biology, Chemistry and Physics students go to day and evening lectures on a regular basis
- Finalists in *Express Yourself*, National Science Competition
- "Global Challenges" environmental conference sponsored by BP
- National Science Week events included comet building, and inflatable planetarium, a space rocket on site and rocket launching and the science behind fireworks
- Development of an ecology area

Summary

Science is a popular subject at Harlington and it is well taught by a strong and supportive team of science teachers. This is an excellent opportunity for a recently qualified or established teacher wishing to broaden their experience in a very successful curriculum area. Professional development has a high priority in the school. A recruitment allowance may be available for this post.

The job description and person specification outline the scope of the post and the attributes of the person we are looking for. Most important, however, is a desire to teach Science to help students enjoy the subject and achieve excellent outcomes.

Teacher of Science: Person Specification

Essential

Desirable

<i>Qualifications</i>	
Education to degree or equivalent level in Science (or a relevant subject) plus teaching qualification	
<i>Skills and Experience</i>	
Evidence of successful teaching experience or teaching practice	
Knowledge and understanding of current issues in science education	Good ICT skills
Good oral and written communication skills	Experience of extra-curricular activities
Commitment to the values and ethos of the school	Ability to communicate well with pupils, parents and staff
<i>Personal Attributes</i>	
Commitment and enthusiasm	Understanding of own strengths and areas for development
Ability to establish good relationships with pupils, parents & staff	
Dependability and sound organisational skills	Good time management