



Woolwich Polytechnic

School for Boys



WOOLWICH POLYTECHNIC SCHOOL FOR BOYS

JOB DESCRIPTION

MPS – SCIENCE/PHYSICS TEACHER

- 1 To teach all strands of Science/Physics and build a curriculum that encompasses Key Stage 3 and 4.
- 2 To teach, sustain and develop a positive teaching and learning environment with an emphasis on high expectations.
- 3 To monitor the progress of the pupils through keeping accurate records of attendance, class work and homework, based on regular marking of pupils' work following departmental and school policies.
- 4 To contribute to a Science/Physics curriculum and schemes of work to a high standard.
- 5 To be a pro-active member of the department team and, as such, work within that team on developments and projects as required, enhance career and professional development and departmental development.
- 6 To provide written reports for internal use and external use as required by the school's annual reporting cycle to parents.
- 7 To liaise with any specialist support teacher with pupils either within or outside of the group e.g. Special Needs and EAL, but to remain accountable for the progress of those pupils.
- 8 To be a member of the School's Pastoral team.
- 9 To give full support to the School's Equal Opportunities Policy.
- 10 To be bound by the general teachers' duties as laid down in the School Teachers' Pay and Conditions document – undertaking such duties as may be reasonably expected – including involvement in extra-curricular activities.

PolyMAT is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. All offer of employment is subject upon the Academy Trust receiving an Enhanced Disclosure and Barring Service Certificate (DBS), which the Academy considers to be satisfactory. If you are successful in your application, you will be required to complete a DBS Application Form. Any information disclosed will be handled in accordance with the Code of Practice published by the Disclosure and Barring Service. The post you are applying for is exempt from the Rehabilitation of Offenders Act 1974 and it is therefore an offence to apply for the role if you are barred from engaging in regulated activity relevant to children.

In accordance with KCSIE 2024 shortlisted candidates will be subject to an online profile and social media check.

Person Specification

Teacher of Science with Physics Specialism

Qualification Criteria	Essential	Desirable
Qualified to teach and work in the UK	Yes	
Degree in Physics/or PGCE with a focus on Physics	Yes	
Experience leading department wide projects		Yes
Knowledge, Skills and Experience	Essential	Desirable
Strong subject knowledge in Physics and the ability to communicate complex concepts effectively.	Yes	
Excellent classroom management skills.	Yes	
Ability to differentiate instruction to meet the needs of diverse learners.	Yes	
Proficiency in using educational technology and resources to enhance learning.	Yes	
Demonstrable comment to raising attainment of all pupils in a challenging classroom environment	Yes	
Excellent understanding of both subject and general teaching pedagogy	Yes	
Experience of teaching English KS3, 4 and 5	Yes	
Experience in leading extracurricular activities or science clubs.		Yes
Involvement in curriculum development or assessment design.		Yes
Be or demonstrate the potential to become an outstanding teacher with a track record of success	Yes	
Effective and systematic behaviour management	Yes	
Knowledge of the national secondary education system, examinations and curriculum	Yes	
Ability to enhance teaching delivery and learning by the use of ICT	Yes	
Attributes	Essential	Desirable
A passion for teaching and a commitment to student achievement.	Yes	
Strong interpersonal skills and the ability to work collaboratively with colleagues.	Yes	
Good organizational skills and the ability to manage time effectively.	Yes	
A reflective practitioner who is open to feedback and professional development.	Yes	
A commitment to promoting equal opportunities and diversity in the classroom.		Yes
Enthusiasm for engaging with the school community and parents		Yes

Behaviours	Essential	Desirable
Genuine passion for and a belief in the potential of every pupil	Yes	
A robust awareness of keeping children safe, noticing safeguarding and welfare concerns, and you understand how and when to take appropriate action	Yes	
Deep commitment to providing and excellent education to every pupil, regardless of background	Yes	
Excellent interpersonal, planning and organisational skills	Yes	
Resilient, motivated and committed to achieving excellence	Yes	
Reflective and proactive in seeking feedback to constantly improve practice	Yes	
Commitment to regular and on-going professional development and training to establish outstanding classroom practice	Yes	
Commitment to and understanding of professionalism in line with the National Teaching Standards	Yes	
Other		
Willingness to undertake training	Yes	