



**APPOINTMENT OF :**  
**TEACHER OF PHYSICS**

Required for September 2025



# ABOUT JOHN LYON

John Lyon is Northwest London's leading co-ed, all-through 2 to 18, independent school. We are forward-thinking and dynamic in our approach, all whilst staying true to our proud heritage, ethos and culture. Our eight School Values: Ambition, Community, Creativity, Enquiry, Excellence, Heritage, Innovation and Resolve guide us in all we do and are embedded into School life.

We serve families in Harrow-on-the-Hill, around Harrow and further afield by offering a world-class School experience for pupils from aged 2 in our Little Lyons Nursery to aged 18 sitting A-Levels in our bespoke Sixth Form centre. John Lyon is a happy, warm and progressive community.

We admit pupils at 2+, 4+ and 7+ in our Prep School and 11+, 13+ and 16+ in our Senior School.

At John Lyon, we believe that every pupil has unique talents and strengths. We pride ourselves on providing an enriching, supportive, and challenging environment for every pupil, while promoting a culture of academic excellence, personal responsibility and respect for others.

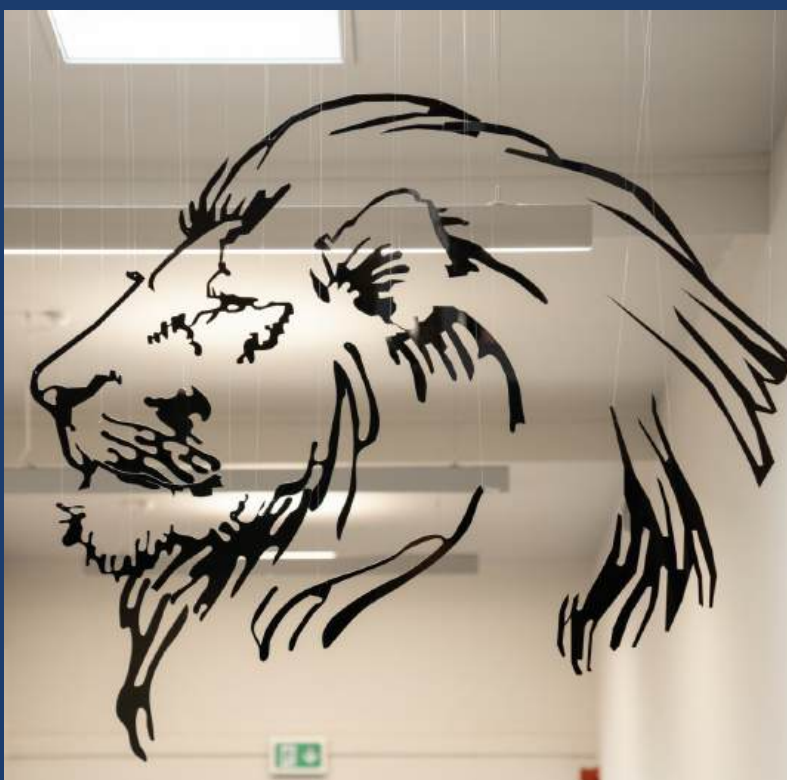
Academic work is just the beginning, and we firmly believe that the additional opportunities we provide through our extra-curricular, co-curricular and Excellence programmes are equally important, playing a vital role in equipping our pupils with the skills and experiences they will need to help them succeed in life at school and beyond. Pupils find that our vibrant and inclusive co-ed classrooms create a diverse learning community in which all can thrive.

We embrace technology and put it at the forefront of all that we do. As a 'Microsoft Showcase School', we are one of only 82 other schools and colleges in the UK to be recognised by Microsoft. We are not your typical school. We are part of something much bigger. John Lyon School sits within John Lyon Foundation and alongside the Harrow Family of Schools, which includes Harrow School itself and Harrow International Schools.

“ The school community transcends cultural difference and exudes an ethos of inclusivity through natural acceptance.

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## THE COMMON ROOM

John Lyon has a very friendly and diverse Common Room with a mix of colleagues living locally, in London and as far afield as Hertford, Bucks, Berkshire, Essex and Surrey. Many academic staff join the School straight from university whilst more experienced staff have taught in either independent schools, state Schools or both. The Common Room runs a termly programme of wellbeing activities which is well supported by academic and support staff. This includes theatre trips, celebratory meals, yoga, charity quiz nights and fixtures in archery, football, cricket, hockey and golf.

## OUR ETHOS

John Lyon has a richly deserved reputation for providing an excellent all-round education that combines high academic standards with excellence in Sport and the Arts and outstanding pastoral care. The School is a friendly and purposeful place. Learning is both broad and deep, and we offer a unique education that embraces opportunity and excellence both within and beyond the classroom. At John Lyon every pupil matters.

## OUR VALUES

John Lyon has a clear set of values that are vital to our community. Our values shape who we are, what we do and how we do it. Each value is woven into School life and our admissions process. Our Values are tangible and meaningful; they enable us to promote and teach a set of principles to our pupils that will help them thrive as happy individuals.



AMBITION

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EXCELLENCE

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INNOVATION

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RESOLVE

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HERITAGE

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COMMUNITY

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ENQUIRY

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CREATIVITY

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# THE DEPARTMENT

The Department comprises five highly qualified Physics teachers. It has two dedicated Physics labs, access to six further Science labs and a STEAM lab, a separate office space for Physics staff, as well as a separate dedicated prep room. We have a full time Physics technician who is able to produce bespoke equipment.

Pupils are encouraged to experiment from the start, with practical work being built into the curriculum and forming a key part of the Year 7 & 8 course. At GCSE Pupils have to opt for at least one separate Science but are strongly encouraged to study at least 2. Physics is very popular with well over 85% of the year group choosing to study it. The option block structure permits some partial setting and there is currently 4 sets in both Year 10 and 11. GCSE results are consistently high and last year 69% of students achieved 9-7 grades. Pupils study the Edexcel IGCSE specification.

At A-Level students follow the OCR Physics A Course. Physics is a popular subject attracting 20-30% of the cohort. The teaching is typically split between two teachers. Last year 64% of students achieved A\*-B grades.

Within the department, staff are keen to encourage the pupils to participate in science activities outside of the classroom. Our A-Level students compete in the Physics Olympiad with vibrant clubs and societies related to Physics enabling pupils to flourish beyond the curriculum. These include: Astronomy, Electronics, CREST Award and Micro:Bit Robotics. A team of our A-Level students recently partnered with Rutherford Appleton Laboratory developing technology to support a lunar base station and Year 9 and 10 VEX robotics teams have reached this year's World Championships in Dallas, Texas.

The department hosts a biennial residential visit to CERN for Sixth Form students with a number of UK day trips to support Science learning for younger year groups. The School is fortunate in its proximity to central London and is able to visit world-leading museums and attend lectures on ground-breaking developments. The School also hosts lectures on a range of science-related themes and in recent times has welcomed Dr Helen Pain, CEO of the Royal Society of Chemistry and Professor Hugh Montgomery, Director of Human Health and Performance at UCL.

Our brightest students are prepared for entry to Oxford and Cambridge attending sessions on the entrance examinations and rehearsal interviews. There is a strong tradition of enabling pupils to reach leading universities (including Oxbridge and Imperial) to study Natural Sciences, Engineering, Chemical Engineering, Medicine, Dentistry, Sound Engineering, Architecture, Psychology, Pharmacy and many other Science related degree courses.

“ Pupils demonstrate an excellent grasp of numeracy as they confidently apply their numerical knowledge in mathematics and in other subjects.

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# PRINCIPAL RESPONSIBILITIES

The Teacher of Physics currently reports to the Head of Physics and is specifically responsible for the learning and teaching of Physics, ensuring that each pupil is positively encouraged to develop their potential to the full.

## SPECIFIC RESPONSIBILITIES

- Planning and teaching lessons to the curriculum;
- Ensuring that assessment is both regular and thorough and that full records of pupils are kept;
- Undertaking development and training in the department and the school;
- Attending regular departmental meetings, and other meetings as appropriate with the Head of Department and Senior Leadership Team;
- Attending ECT meetings if appropriate;
- Cooperating with other Departments in the School;
- Cooperating with Department members;
- Liaising with Heads of Year and the Head of Department in matters concerned with pupil discipline and behaviour;
- Ensuring Health and Safety and Child Protection guidelines are followed;
- Creating and maintaining a stimulating environment in departmental rooms;
- Implementing all School policies, and all Departmental policies;
- Contributing to the spiritual, moral, social and cultural development of pupils;
- Completing any other duties that may be reasonably asked by the Head of Department.

## ADDITIONAL SPECIFIC RESPONSIBILITIES

- Participating in and assisting with the organisation of trips and activities to enhance the teaching and learning of Physics within the School;
- To be available as a tutor to an assigned tutor group and to carry out related duties in accordance with the general job description of Form Tutor;
- To stimulate and sustain extra-curricular interest in Physics through clubs and competitions.

## GENERAL DUTIES

- To embrace the School's Values and encourage pupils to develop them;
- To carry out a share of supervisory duties and detentions in accordance with published schedules;
- To participate in appropriate meetings with colleagues and parents relative to the above duties;
- To contribute to the PSICHE programme when required;
- To attend whole School events e.g. Open Days, Speech Day etc;
- To provide cover and examination assistance as required;
- All staff are required to contribute to the School's Extra-Curricular and Co-Curricular programmes.

It should be noted that a job description is not an exhaustive list of activities, and employees may be asked to carry out other duties commensurate with the grade of the post. The job description may also be amended to take account of changed circumstances, and employees will be consulted if this is necessary.

# PERSON SPECIFICATIONS FOR ALL TEACHING APPOINTMENTS

In making an appointment at the John Lyon School we look for the person who, at interview and by virtue of their qualifications, best demonstrates that they:

- are suitably qualified for the responsibilities of the post;
- has good interpersonal and communication skills with pupils and colleagues;
- has good listening skills and respect for all pupils;
- has the ability to form relationships and to motivate pupils;
- has the ability to generate enthusiasm for the work of the department;
- can demonstrate high standards in the necessary professional competencies required of teachers:
  - *subject knowledge and application;*
  - *classroom management;*
  - *assessment, recording and reporting students' progress;*
  - *teaching effectively throughout age and ability range;*
- has confidence to contribute their own ideas and initiatives to the philosophy of the School;
- is willing to be involved in the wider activities of the School;
- has a practical understanding of administrative demands;
- has a commitment to personal and professional development.

It is the post holder's responsibility to promote and safeguard the welfare of children and young persons for whom they are responsible, or with whom they come into contact, and to adhere to and ensure compliance with the School's Child Protection Policy Statement at all times. If, in the course of carrying out the duties of the post the post holder becomes aware of any actual or potential risks to the safety or welfare of pupils in the School they must report any concerns to the School's Designated Safeguarding Lead.



“ Pupils show a strong aptitude for reading and write effectively for a wide range of purposes. ”

*ISI Inspection Report*



**Senior Campus**

Middle Road, Harrow-on-the-Hill, London, HA2 0HN  
020 8515 9474

**Prep Campus**

Hindes Road, Harrow, London, HA1 0RX  
020 8515 9500

[vacancies@johnlyon.org](mailto:vacancies@johnlyon.org)

[www.johnlyon.org](http://www.johnlyon.org)