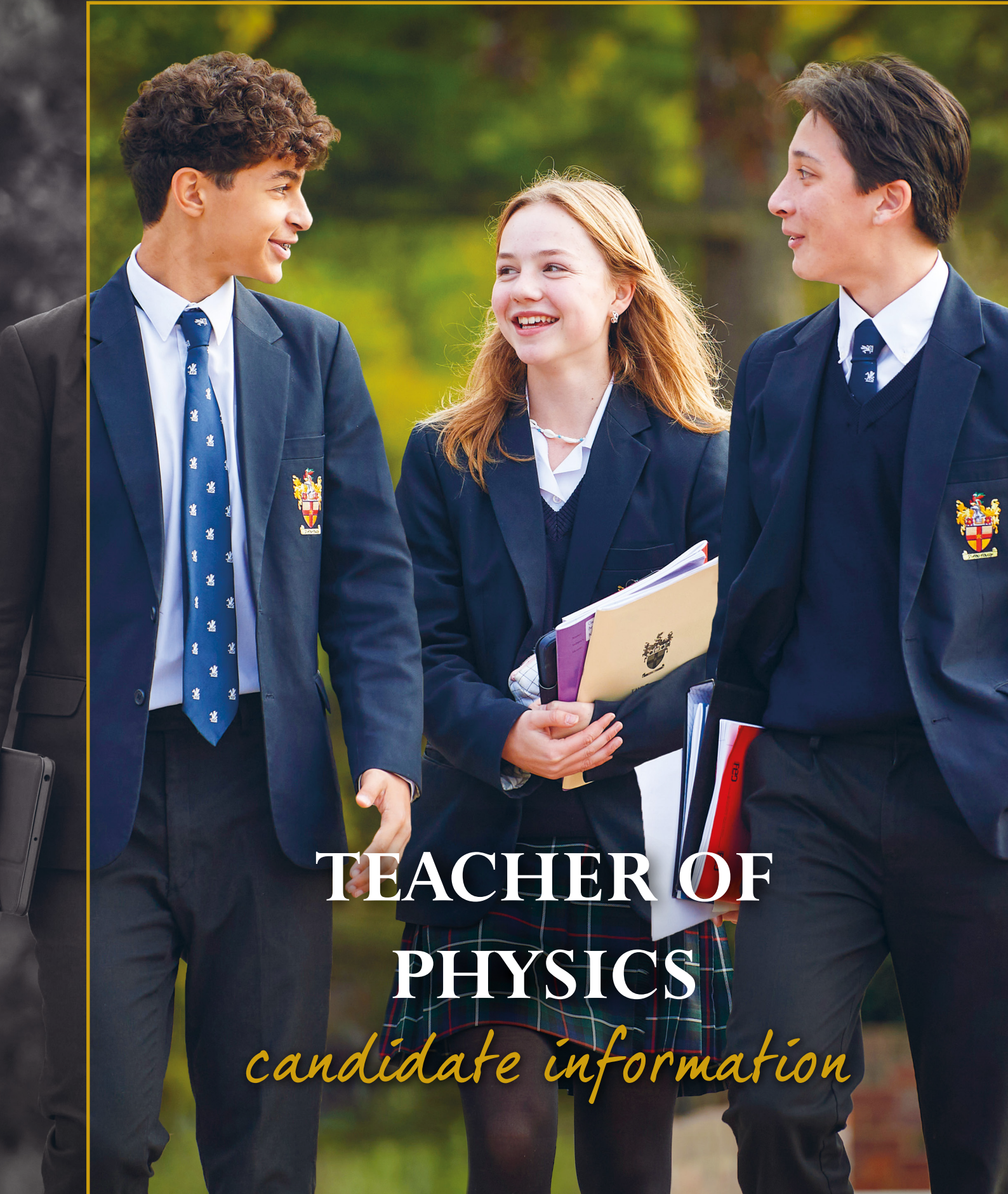




THE **Leys**  
CAMBRIDGE



TEACHER OF  
PHYSICS

*candidate information*

# Teacher of Physics

Emploment Status	Permanent, Full time
Salary	Competitive
Closing Date for Applications	9 June 2025
Interview Date(s)	16 - 18 June 2025



We are seeking a committed, well-qualified and passionate Teacher of Physics to join this very popular department in January 2026, or sooner.

The successful applicant will be expected to teach the subject up to A Level and to participate fully in the School's extensive pastoral and wider-curricular programme.

This is an exciting opportunity for a physicist looking to join a highly successful and well-resourced department with supportive and committed colleagues.

Excellent support is available for an ECT or someone looking to transition into teaching, but equally the post would suit an experienced teacher seeking a new role.





# Welcome to *The Leys*



*Life at The Leys*

The Leys is a co-educational boarding and day school for pupils aged between 11 and 18. Set in the heart of the beautiful and stimulating city of Cambridge, one of the world's leading cultural and academic centres, The Leys' unique location allows pupils unrivalled access to the vast array of cultural and educational opportunities that Cambridge has to offer.

Established in 1875, The Leys values its history, yet it blends traditional values – courtesy, tolerance, respect, decency – with a forward and outward-looking approach to education. Dedicated staff and superb facilities combine powerfully to prepare young people for the challenges which lie ahead at university and beyond.

The Leys is a close-knit, engaged, friendly community of around 550 pupils in which pastoral care is seen as the top priority. Academic value-added is impressive and the breadth of the wider curriculum is renowned. The School caters for Boarding, Home Boarding and Day pupils but, with 70% of pupils accommodated in boarding houses, boarding is absolutely central to the ethos of the School and all pupils benefit from the vibrancy and structure which this provides.



# Purpose

**The Purpose of The Leys is to play our part in changing the world for the better.**

We do this by making a positive difference to the lives, values and prospects of Leysians, by being professional, caring and rewarding in developing and managing our staff, by being a responsive and trusted partner to our parents, and by making a beneficial and sustainable contribution to the wider community

By foundation and structure, The Leys is a boarding community. We also place great value on being a “big, small school” embedded in the heart of Cambridge, and on giving Leysians a rich and rewarding academic and wider school experience – one they find valuable both intrinsically and in preparing for their futures. We seek, in the spirit of our Methodist founders and our Christian values, to send Leysians out into the world ready – academically, culturally, morally, physically, spiritually and socially – to live fulfilling lives which will make a positive contribution to society.

In order to achieve our Purpose, we aim to deliver an education which is built on three foundation stones: pastoral, academic and wider curricular. Whilst interconnected, ‘pastoral’ is accepted as pre-eminent, because pupils who feel supported and confident are able to flourish in all areas of the life of the school. Our teaching staff body all contribute to all three pillars of Leys School life, thus we all work together to ensure our pupils develop into happy, confident and well-rounded individuals ready to leave school and find their place in the world.

# Pastoral Care

Pastoral Care is at the heart of what we do. We know that wellbeing is crucial to success in wider school life, and we all work together as a community to ensure that each pupil flourishes in school, feeling nurtured, supported and happy. Our House structure is central to this: all pupils are a member of a House throughout their time in school. Year 7 and 8 pupils are members of our junior house, Moulton, and then pupils in Year 9 and above join one of the eight boarding or three day houses. The vertical arrangement in the senior houses creates opportunity for pupils to support each other, and the houses are staffed with a Housemaster or Housemistress (HSM), an Assistant HSM, a Matron and a team of teaching staff. Pupils also have a tutor, who supports them with their wellbeing, academic progress and wider curricular involvement as they progress through the school. All staff are expected to contribute to our pastoral support of pupils, through tutoring, supporting the teaching of PHSE and undertaking weekly house duties.



# Wider Curriculum

The Wider Curriculum is an integral part of the school week for all pupils and staff, with a significant amount of time in the afternoons and early evenings devoted to it. In their time at The Leys, pupils are actively encouraged to experience a broad range of activities that will bring them a wide range of benefits; activities in which they find enjoyment and fun whilst developing skills, personal qualities and attitudes that are transferable to other areas of their life at school and beyond.

The Leys' Personal Development and Leadership programme (PDL) for pupils in Year 10 and above ensures that all pupils develop leadership, broaden their horizons and collaborate with their peers on projects, often trying to solve contemporary problems. Through our outstanding sporting, music and drama provision, pupils develop as confident and well-rounded young men and women, ready for life beyond school. Our broad and varied after school activities programme enables pupils to develop their interests, skills and strengths. Through this we aim to complement the pastoral and academic pillars of an all-round Leysian education alongside boosting the physical and mental well-being of all involved in the wider curriculum. All staff contribute to our extensive wider curriculum programme through involvement in games, PDL, outdoor education, and a wide range of clubs and activities.

## Teaching and Learning

Education is about so much more than passing exams, and at The Leys pupils are encouraged to develop an understanding of their own learning, find their passions, curiosity, and develop a lifelong appetite for knowledge.

Pupils are supported in their learning by excellent teaching both inside and outside of the classroom, with academic enrichment and extension embedded into the culture of the school. We understand that teachers are individuals and that they will have their own ways of expressing their passion and interest in their subjects. The 2022 ISI comment that "Inspirational and creative teaching is a significant contributory factor to pupils' positive attitudes to learning" sums up the impact of that individuality. That said, we know that aspects change within education, and we are midway through an exciting transition from Google Classroom to Microsoft Teams and OneNote. Pupils and staff all have a digital device, and pupils are used to working digitally as well as on paper.

Academic Attainment at The Leys is outstanding. This summer, the school achieved its best academic results on record at A Level and close to best at GCSE. At A Level 62.2% of results were graded A or A\*, and 87% A\*-B, and at GCSE almost 50% of results were grade 9 or 8. The school uses value added as an important measure of success and we are delighted that all our 2024 public examination results demonstrate that we added significant value to our pupils' academic attainment compared to similar schools: a testament to the hard work and dedication of both staff and pupils.





## General Teacher Expectations

The Leys is a traditional boarding school, and we have lessons running across 6 days each week. Lessons happen on a Saturday morning until 11:50am, and the afternoon is filled with sporting activity including fixtures.

Teachers at the Leys are expected to contribute to all three of the School's Pillars: Pastoral, Academic and Wider Curriculum. Pastoral contributions take the form of tutoring, house duties and teaching PHSE whilst the wider curriculum includes games, PDL, outdoor education and clubs and activities. House duties vary depending on the type of house: day house duties involve breaktime, lunchtime and afternoon/after school supervision whilst boarding house duties involve working with pupils in the evenings. Staff also support the day to day running of the School through involvement in school duties, on a rota basis.

We know that working in a boarding school is busy! Our staff feel this is undoubtedly worth it for the reward gained from the wider interactions they have with pupils, coming to know each child as an individual, not just as a pupil in the classroom. We work with our teachers to harness their strengths and passions both inside and outside of the classroom, so that there is joy for all of us in what we do. In addition, class sizes at The Leys are typically no larger than 24, and are often much smaller, particularly in Years 7 and 8 and the Sixth Form. Teaching allocations are lower than in state and day schools, to account for the involvement in the wider life of the school. Saturday lesson time is 'paid back' through shorter term lengths, and thus longer school holidays. Finally, four Leave Weekends spaced throughout the year provide the entire school community with some additional rest and relaxation.



# The Role

This is an exciting opportunity for an outstanding teacher to join our vibrant and popular Physics Department with effect from January 2026, or sooner.

It is expected that the appointee will be an excellent classroom practitioner who has the ability to engage and inspire students whilst developing a love of learning. The successful candidate will teach physics from Years 9 through to A Level and may also teach science to pupils in Years 7 and 8.

This is an exciting opportunity for a physicist looking to join a highly successful and well-resourced department that is embracing new developments and technology in the subject. The new Teacher of Physics will bring a dynamic and creative teaching style to the department.

This post would equally suit a newly qualified or an experienced teacher or someone looking to move into teaching. You will be joining a fantastic team of colleagues who all love their subject and are committed to supporting new colleagues to settle into our fantastic school.

# The Department

Housed for nearly a century in the impressive Thomson Building, Physics is well established, well equipped and successful. There is a strong academic ethos that takes advantage of the School's location in Cambridge, maintaining active links with the University of Cambridge's Cavendish (Physics) Laboratory, including lectures. We also have good links with the Engineering department, enjoying their closer proximity as well as working on occasional projects with university students, most recently including Engineers Without Borders, helping learn about the Sustainable Development Goals.

Outside of the University, we have connections to Cambridge's world-class science and engineering industries. We have made visits to ARM, PACE and recently Cambustion. It is a lively and interesting place to work amongst highly qualified and professional colleagues who place an emphasis on the enjoyment of Physics for both pupils and teachers alike. Consequently, as much relevant practical work as possible is performed and creative, stimulating displays are on show. New ideas for promoting Physics are always welcomed and the department makes good use of social media to this end and increasingly AI.

There are currently five subject specialist teachers and two technicians. There are four well equipped laboratories, one of which is part of the more recent Great Hall project, a modern building housing the Science extension, Theatre and more. There is a well-resourced and busy Prep room. Staff make significant use of appropriate ICT both in lessons and for administration, for example we were one of the first departments in the country to use Bluetooth dataloggers with iPads. We recently took delivery of an advanced datalogging digital radiation sensor.

Years 7 and 8 are taught an “in-house” combined science course, predominantly practical and skills based, overseen by The Lower School Science Coordinator. The IGCSE course begins in Year 9 with five classes, taught alternately three then four 40-minute lessons over a fortnight, usually including a double to facilitate extended practical investigation. In Years 10 and 11 pupils will receive three 40-minute lessons a week. Most pupils study separate Sciences, with Combined (Double) Science for one group. Historical results have been excellent.

The take up of Physics by pupils in the Sixth Form remains buoyant and results are excellent. Sets are shared between two teachers, allowing focused teaching and specialist support for practical learning and options teaching (usually Astrophysics, Medical Physics and Turning Points in Physics – we would consider delivering Engineering for a suitably-qualified candidate). Our pupils have won national essay competitions by the Institute of Physics. The department is also committed to entering pupils for the various Physics Olympiads and pupils frequently gain Gold awards. We have also been successful in the Astronomy and Astrophysics Olympiad and may in the future consider offering GCSE Astronomy.

## **Job Description**

**This school is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.**

### **Main purpose of the role**

- To teach pupils within the school
- To create a well-ordered teaching environment in which pupils can thrive and explore their academic potential.

### **Main duties and responsibilities**

- To bring to life the practical and investigative nature of the subject, developing associated skills
- To have a clear knowledge of the individuals in their class and differentiate accordingly. This should mean both their individual learning needs as well as their individual personality.
- To bear in mind the Christian ethos that underpins the life of the school community and bring its values into the classroom.
- To plan lessons clearly and within the departmental scheme of work
- To mark work regularly and promptly, in line with departmental and school marking policies and to keep clear and full records of pupils' progress.
- To insist upon high levels of behaviour and respect for others in the classroom
- To be a subject expert who regularly updates their knowledge to stay 'current' in their subject
- To apply the necessary health and safety procedures when appropriate
- To contribute to the pastoral care of the pupils, including weekly duties in houses
- To contribute to extra-curricular activities
- To adhere to and maintain School Policies and Procedures
- To take responsibility for safeguarding the pupils
- To carry out other associated duties as are reasonably assigned by the Head.

# Person Specification

Criteria	Essential	Desirable
Qualifications	<ul style="list-style-type: none"><li>• Good honours degree in subject or related subject</li><li>• Ability to teach subject to A Level standard</li><li>• Good knowledge of subject GCSE and A Level courses</li><li>• Relevant teaching experience</li></ul>	<ul style="list-style-type: none"><li>• PGCE, QTS or equivalent teaching qualification</li></ul>
Experience	<ul style="list-style-type: none"><li>• Excellent teaching skills</li><li>• Capacity to be efficient and organized, flexible and adaptable</li><li>• Ability to prioritise effectively</li><li>• The ability to work in a busy environment and meet deadlines</li><li>• Suitable to work with children</li></ul>	
Skills	<ul style="list-style-type: none"><li>• Strong communication and inter-personal skills</li><li>• Ability to motivate and manage pupils</li><li>• Ability to deal positively and constructively with students and colleagues at all levels</li></ul>	<ul style="list-style-type: none"><li>• Ambition</li><li>• Ability to work on your own initiative and as part of a team</li></ul>
Knowledge	<ul style="list-style-type: none"><li>• Candidates should be willing and able to commit themselves actively to support the ethos of the school</li></ul>	<ul style="list-style-type: none"><li>• Good working knowledge of IT &amp; familiarisation with online digital platforms</li><li>• Ability to coach a sport</li></ul>

# How to *Apply*

If you are interested in applying, please submit a completed application form including covering letter addressed to the Head, to the Recruitment Team ([recruitment@theleys.net](mailto:recruitment@theleys.net)), The Leys School, Cambridge, CB2 7AD by 09.00am on 9 June 2025. Interviews will be held 16-18 June 2025.

We will review applications as they arrive and reserve the right to withdraw this advert if a suitable applicant is found, therefore we encourage an early application.

This role has the opportunity for regular contact with pupils and therefore is exempt from the Rehabilitation of Offenders Act 1974.

By applying for this role, you are consenting to The Leys School storing your personal data. Please read our 'Privacy Notice for Job Applicants' for further details.



# Benefits

Join us and experience a fulfilling career in an inspiring environment where your growth, wellbeing, and sense of community are our top priorities.

## Fee Remission

Generous fee remission (The Leys School and St Faith's), subject to the normal admissions criteria (pro-rata for part-time staff).

## Remuneration

Competitive salaries and a choice in excellent pension schemes (including the Teachers' Pension Scheme for our Teaching colleagues) with generous employer contribution. We are proud to be a Living Wage employer.

## Meals

Three-course lunch from Monday to Saturday and an evening meal on duty evenings. Our meals are mainly homemade on site using locally sourced ingredients and served in the beautiful and newly renovated Dinning Hall.

## Location

Stunning city centre location with free parking, access to electric charging, secure bike parking and a Cycle to Work scheme.

## Cambridge University Botanic Gardens

Complimentary use of a visitors pass to the beautiful Botanic Gardens (a two-minute walk from the School).

## Wellbeing

Enjoy a complimentary hot lunch when working, prepared by our professional culinary team. Plus, benefit from membership of the Sports Complex including free staff swimming, and access to a comprehensive Employee Assistance Programme that provides a wide array of resources and support services for staff and their immediate family (terms and conditions apply).

## Community

A supportive and friendly community, with regular social events and the chance to join in extra-curricular activities. Staff can also attend internal productions in our theatre (Great Hall) or external productions hosted by visiting companies (note that external companies may charge for these events).

## Professional Development

Opportunities for staff development, including regular INSET and CPD, membership of our on-site library, and funded attendance at relevant external training events.

## Extended Holidays

There are 33 weeks of term time, plus time for INSET. This means that teaching staff benefit from extended holidays compared to state education.



Please note that colleague benefits which are non-contractual may be subject to review and change at any time.





THE **Leys**  
C A M B R I D G E