



TEACHER OF PHYSICS

THE SCHOOL

Leicester Grammar School is a selective, co-educational independent day school of 850 pupils founded in 1981 to fill a gap in the provision of education in Leicester left by the closure of the city's flourishing state grammar schools. The School has built up a national reputation for academic excellence, regularly featuring amongst the top fifty independent schools in the annual A-level league tables and consistently succeeding in helping its pupils to secure places at the very best universities in the United Kingdom and abroad.

Leicester Grammar School's public examination results are frequently amongst the very best in the East Midlands and often place them amongst the best schools in the country. In 2018, 78% of the grades achieved were at A*/B level with over 40% being A* or A grades. Six candidates achieved four A* grades and almost a quarter of the candidates gained all A* or A grades. The excellent results, in line with many previous years' results of a similarly very high level, allow the overwhelming majority of the pupils to go on to take up their first choice university courses. LGS was also nominated for two TES awards in 2015, winning one; and for three TES awards in 2018. Underpinning these academic successes is a caring community based upon a Christian ethos that offers an extensive extra-curricular portfolio, including strong provision in music, sport and drama.

The School entered a new and very exciting stage in its development in September 2008 when it relocated to a 75-acre green-field site in the village of Great Glen, which is about seven miles south east of Leicester and a similar distance from the thriving market town of Market Harborough. The School is a state of the art facility for the 21st century, featuring extensive playing fields, a large main sports hall and an indoor 25 metre swimming pool amongst other sporting facilities. Its main hall can seat 1,000 people, and the main building boasts other large performance spaces, an impressive library at its centre and modern teaching rooms. Each department has its own suite of classrooms linked to a departmental office and the Science wing comprises 15 laboratories and a 96-seat lecture theatre. In September 2015, the School completed a £4 million building extension to provide a new Science Lecture Theatre, Sixth Form Common Room, senior management office suite and meeting rooms; other developments are planned.

The School has excellent local transport links, with both London and Birmingham under an hour away by train. Market Harborough, situated 10 miles south of Great Glen, was recently voted as one of the 'Best Places to Live' by The Sunday Times.

Leicester Grammar School Trust is an educational trust overseeing three schools: Leicester Grammar School, Leicester Grammar Junior School and Stoneygate School. With the recent departure of our Previous Chief Executive, who has become Chief Executive of IAPS, the Trust has appointed John Watson, currently the Headmaster at Bablake School, as its new Chief Executive from September 2019.

THE POST

Due to the retirement of a long-standing colleague, we have an exciting opportunity for an enthusiastic Teacher of Physics to become part of our successful team and to contribute to the wider life of the School from September 2019. Our ideal candidate would be passionate in their teaching of Physics, able to demonstrate broad subject knowledge, enthusiasm and the ability to inspire others.

The successful candidate would be expected to teach Physics up to and including A-level. The ability to also contribute towards Games and/or the extra-curricular life of the School would be deemed helpful.

THE DEPARTMENT

The Physics Department is a very successful and vibrant department within Leicester Grammar School. It currently has four full time members of staff who, between them, teach the Programme of Study at all levels from Year 8 up to and including Year 13 and Oxbridge Entrance.

THE SCIENCE CURRICULUM

In Years 6 and 7 the pupils follow a coordinated Science scheme of work in four periods per week, and this is taught by members of the three Science departments. In Years 8 and 9 the pupils follow schemes of work in each of the three separate sciences in one double period per week. The Programmes of Study for these year groups have been developed within the School, and whilst they cover all of the elements prescribed in the National Curriculum, they also seek to extend knowledge and learning well beyond the confines of this statutory (in the maintained sector) requirement. In Year 9 the pupils embark upon their first experience of GCSE study with the schemes of work being based upon those prescribed by the Edexcel IGCSE Physics Specification.

In Year 10 Physics is an increasingly popular option choice generating either four or five teaching sets. The Edexcel IGCSE (9-1) course is followed and delivered over the two years, in four periods per week.

The uptake for Physics in the Sixth Form is very healthy indeed and is currently generating four teaching sets. The period allocation for all of the A level sciences is eight periods per week in Year 12 and nine periods per week in Year 13, with at least one double period per week being used for extended practical work. The linear OCR Physics A specification is followed with students taking examinations in June of their final year. For able and interested pupils, dedicated extra classes are run for Oxbridge Entrance and Olympiad preparation. Additionally, the school enters pupils each year for a variety of extra-curricular events including the following:

- 'Extreme Physics' residential course for Gifted and Talented pupils in Year 10;
- Physics Challenge run by the University of Oxford in conjunction with the Institute of Physics / BPhO for pupils in Year 11;
- The British Physics Olympiad for Year 13 students.

Physics is taught in specialist laboratories in the Science Wing of the School which is served by extensive Preparation Rooms and three excellent laboratory technicians. The Department is housed within a large open-plan office that houses all members of the three Science departments, each with their own desk. There is also a Science Lecture Theatre that can be booked out, as can a range of ICT equipment, including iPads.

EXAM RESULTS

A-Level

2013	2014	2015	2016	2017 (linear)	2018 (linear)
A* - B	A* - B	A* - B	A* - B	A* - B	A* - B
86%	78%	63%	81%	60%	59%

IGCSE

2013	2014	2015	2016	2017	2018
A* - A	A* - A	A* - A	A* - A	A* - A	A* - A
84%	88%	93%	95%	84%	82%

PERSONAL QUALITIES

The successful candidate would also be expected to fulfill the following duties:

- Teach a full academic timetable.
- Set high standards by example in laboratory practice.
- Ensure that Science and School policies are fully adhered to.
- Take particular note of all health and safety policies applicable to the science departments.
- Work closely with the Head of Department and technicians to deliver the curriculum.
- Meet all deadlines associated with assessments, monitoring and reporting of pupils, in line with the School's expectations.
- Help to ensure that special educational needs are met within the subject by effectively, liaising with the teacher responsible for learning support.
- Ensure that the requirements of the examination specifications for GCSE and A level are fully understood and then applied to the individual's scheme of work.
- Look to play a full part in promoting the subject both internally and externally.
- Contribute fully to the extra-curricular life of the School.

CHILD WELFARE

Leicester Grammar School is committed to safeguarding and promoting the welfare of children and applicants must be willing to undergo child protection screening including checks with previous employers and DBS.

November 2018